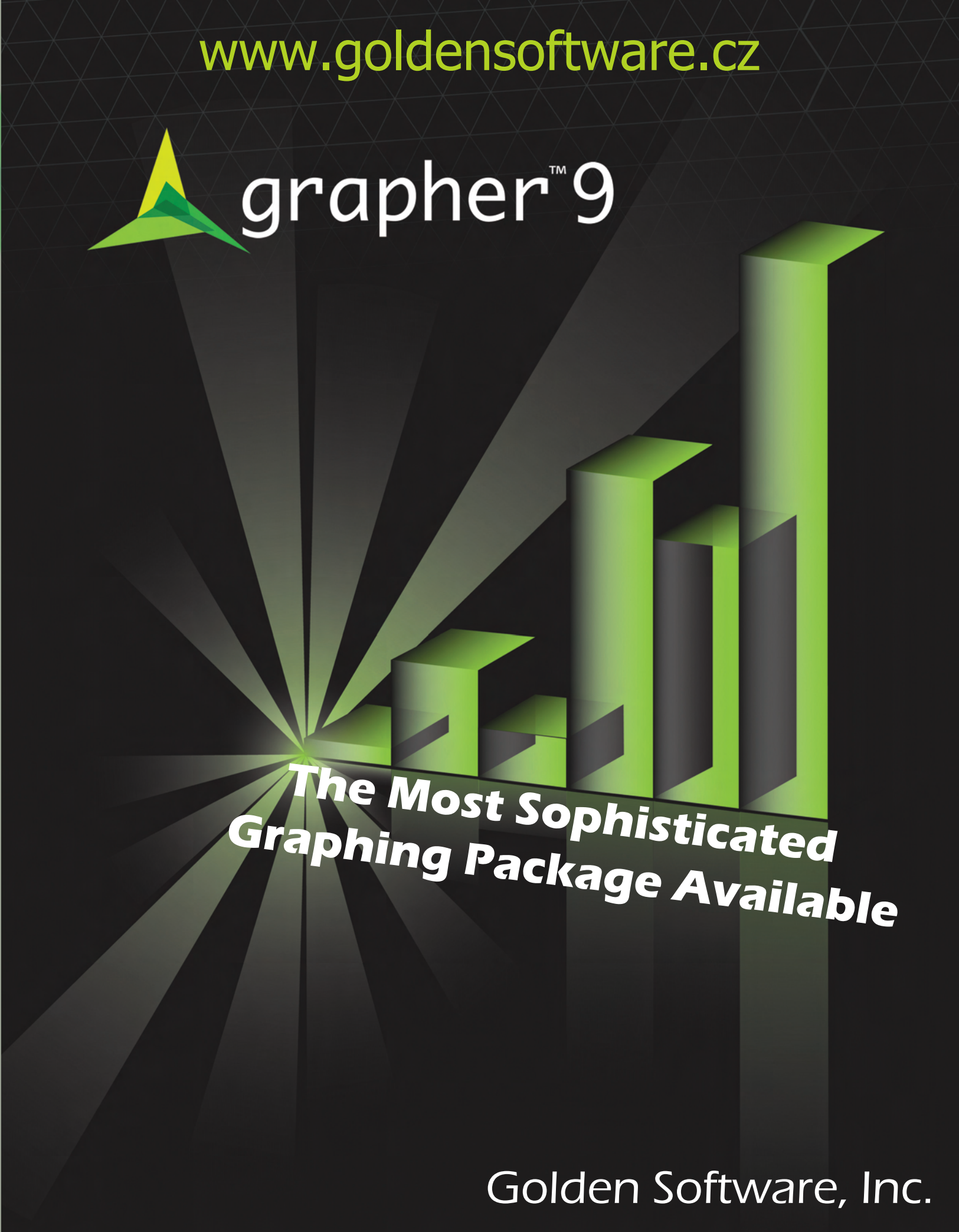
www.goldensoftware.cz

grapher™ 9



Golden Software, Inc.

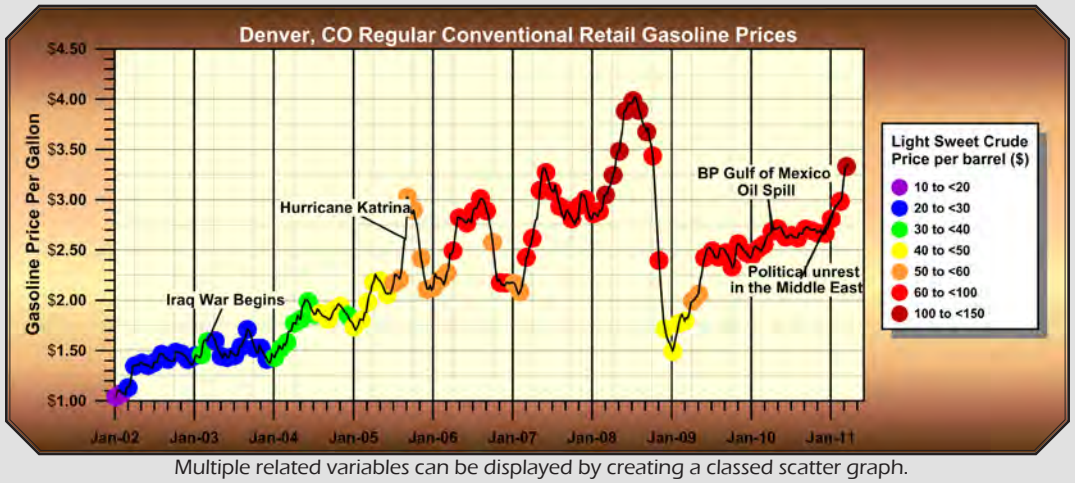
Raising the Bar!

The most sophisticated graphing package available. Seal the deal with **Grapher™ 9**!

Exceeding Expectations

Grapher 9 is the ultimate graphing package available. Discover how this easy to use, powerful, and dynamic program can help you create superior professional graphs. With **Grapher**, it has never been easier to WOW your audience with the most impressive graphs, every time!

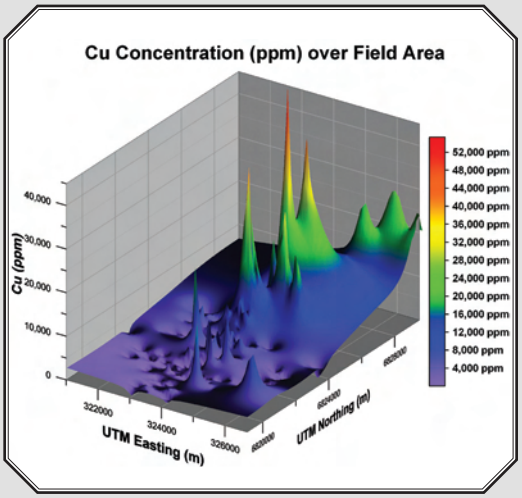
Grapher will help you present your information in a clear and concise manner. Choose from 54 different graph types to find the graph which best represents your data. Add text, draw objects, customize colors, or insert your company logo to create the perfect graph. Once you have finished installing **Grapher 9**, you will be creating fabulous and illustrative graphs within minutes.



Multiple related variables can be displayed by creating a classed scatter graph. Use any color or size combination to highlight your areas of interest.

Organize Your Data

Never before has a program made it easier to access your data than **Grapher**. With a click of the mouse, open your data file in the **Grapher** worksheet for easy editing or create a graph directly from your data file. **Grapher** supports several popular data formats, including 100% compatibility with Microsoft Excel, Microsoft SLK, and ASCII text file formats. In addition, **Grapher** imports from numerous databases, including Access, dBase, Paradox, and many more.



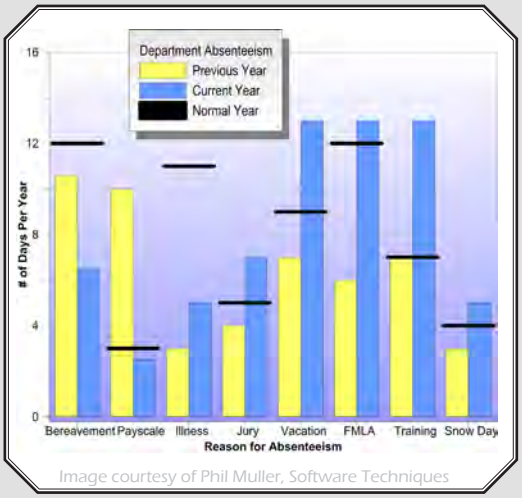


Image courtesy of Phil Muller, Software Techniques

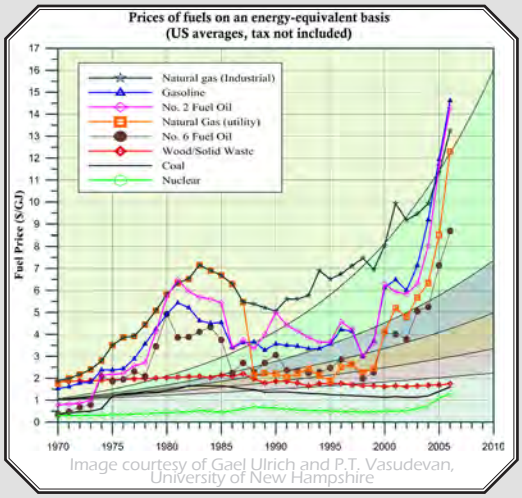
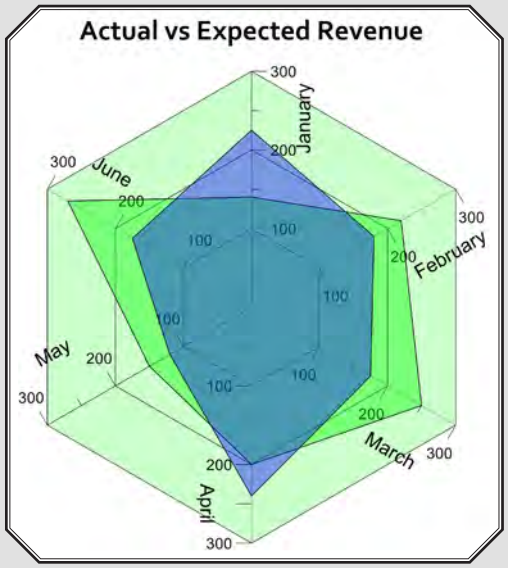


Image courtesy of Gael Ulrich and P.T. Vasudevan, University of New Hampshire



Need to display multiple variables within a single graph? No problem! **Grapher's** radar graph is the perfect solution.

Automation

Don't spend time doing the same process over and over. Instead, create your own scripts to automate repetitive tasks and simplify your life! Operations performed interactively can be controlled using an automation compatible programming language such as Visual Basic, C++, or Perl. **Grapher** includes Scripter, a built-in Visual Basic compatible programming environment that lets you write, edit, debug, and run scripts. Why do more work than you need when you have **Grapher** working for you!

With more than 50 different graph types to choose from, displaying your data has never been easier. **Grapher** supports an infinite number of customization options which allow you to display and highlight the smallest details of your graph. In no time, you will be creating publication-ready plots which are guaranteed to impress!

www.GoldenSoftware.com

Powerful Graphing

Grapher's possibilities are limited only by your imagination. Customize your graphs so they look their best. Each of **Grapher's** 54 graph types has a multitude of editing options to enhance its appearance. Change line colors and thicknesses, add gradient color fills, or add solid fills and adjust the opacity to see the information below. Create informative graphs by adding error bars, fit curves, confidence intervals, titles, and legends. You can even add your own customizations to the defaults, so the default graph is truly yours. These are just some of the endless options **Grapher** offers to create the most colorful, descriptive, and understandable graphs–ready for publication!

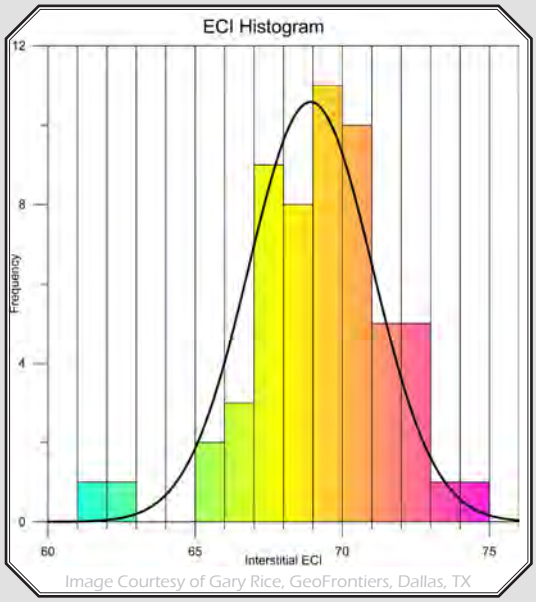


Image Courtesy of Gary Rice, GeoFrontiers, Dallas, TX

Add fit curves and confidence intervals to reveal additional details about your graph.

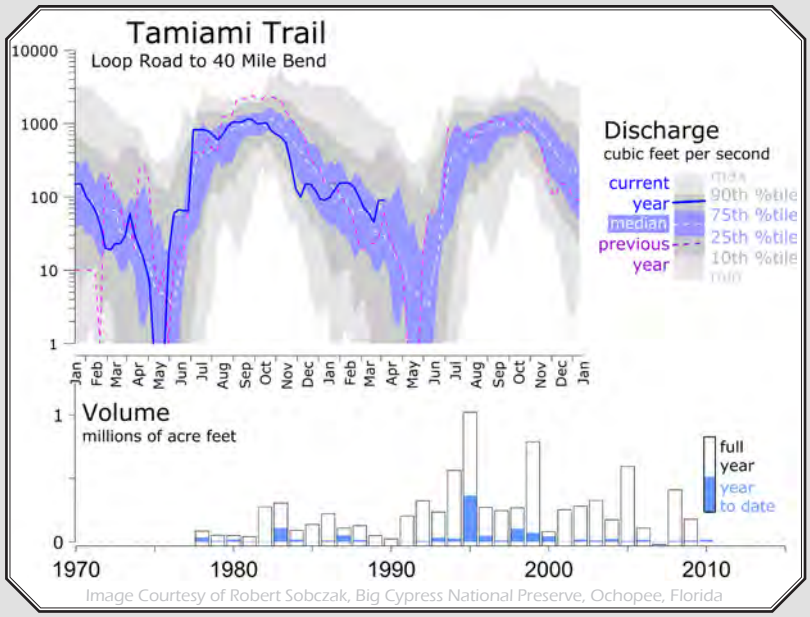


Image Courtesy of Robert Sobczak, Big Cypress National Preserve, Ochopee, Florida

Clearly display your data in any format you choose. Multiple axes and plots are easily added to a single graph to give you complete control.

Versatility

Take complete control of your graph. With the always available object manager, organize your data with just a few simple clicks. Drag and drop capabilities make rearranging objects simple. Add multiple plots to the same graph and add multiple graphs to the same page. **Grapher** displays the print preview directly on the screen for maximum visualization and maximum control.

Grapher would not be complete without compatibility with all other popular programs. Import data, objects, or maps from any other Golden Software product or another favorite program and export to the format of your choice. Your sensational presentation or publication-ready plot is a click away. Seal the deal with **Grapher 9**!

Work Smarter, Not Harder!

New to **Grapher**? Let the Graph Wizard be of service! This powerful feature provides step-by-step instructions to help you create the perfect graph. Add your own customizations to the Graph Wizard to create personalized graphs in seconds. Work smarter, not harder with **Grapher 9**.

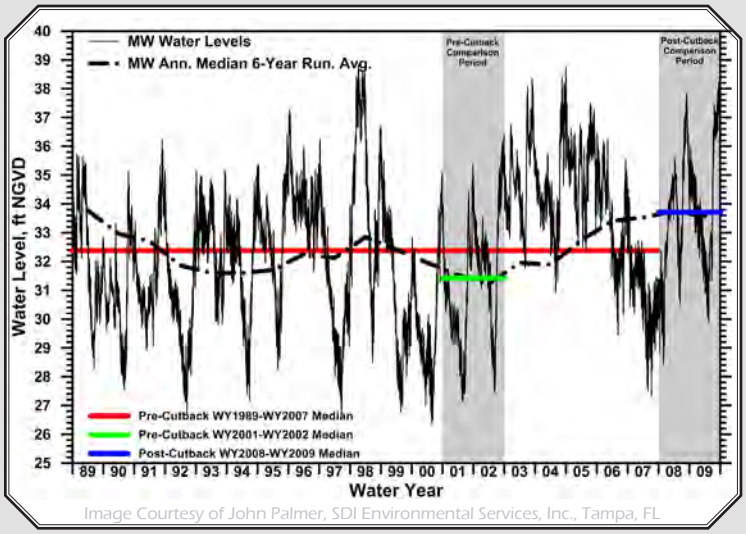
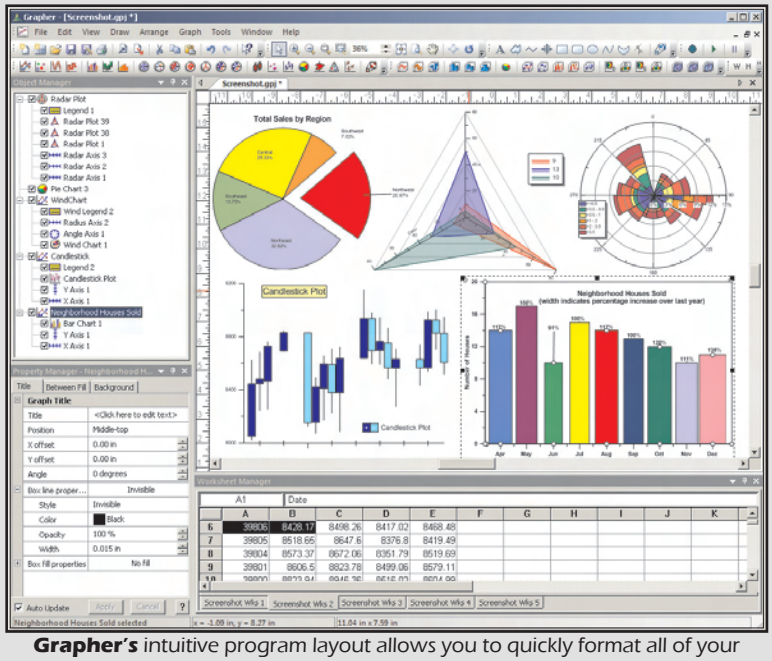


Image Courtesy of John Palmer, SDI Environmental Services, Inc., Tampa, FL

All graph types in **Grapher** give you full control over all graph parameters. Combine multiple graphs to present your data in a completely new way.



Grapher's intuitive program layout allows you to quickly format all of your graph attributes. Use the object manager to select, arrange, or delete the objects in your graph and utilize the property manager to make changes which are automatically reflected within the graph.

Golden Software, Inc. • 809 14th Street, Golden, Colorado 80401 USA
800-972-1021 • 303-279-1021 • FAX 303-279-0909 • www.GoldenSoftware.com

Grapher™ Features

User Friendly
- 32-bit and 64-bit installation
- Download free updates automatically
- Full Unicode support
- Automatically back up files
- Reset all windows/managers to the default position
- Specify default settings for all objects
- Preview graph when using File | Open
- Customize toolbars and menus
- Store data internally or reference an external data file
- Save as previous Grapher version GRF
- Print multiple graphs based on a single graph file
- Edit object properties in the Property Manager
- Show, select, or hide objects with the Object Manager
- Use the Graph Wizard to create graphs
- Edit multiple objects at once
- Edit individual objects in a composite without breaking the composite apart
- Use mouse wheel to zoom in and out
- Drag and drop plot capabilities
- Automatically log crash reports

Graph Customization
- Specify symbol shape for line/scatter plots from a worksheet column
- Specify a rotation angle for plot symbols
- Set bar width in bar charts to be fixed or scaled
- Change the definition of box-whisker outlier points
- Label all aspects of a box-whisker plot
- Display bubbles on a ternary diagram
- Connect plot labels and data points with lines
- Group bar charts by specific properties
- Create bar charts based on category name or numeric value
- Create confidence intervals with fit plots
- Clip confidence intervals and fit plots
- Specify different colors for individual bars and bubbles in bar charts, bubble plots, and histograms
- Scale bubble plot symbols by data values
- Move plot labels and graph titles using the mouse
- Lock an object's position
- Fill direction can be right/left, up/down, under curves, between curves, and to a value
- Convert one plot type to another
- Convert between 2D and 3D graphs
- Display bar charts, floating bar charts, and histograms vertically or horizontally
- Label floating bar charts from worksheet columns
- Add a graph title, background fill, graph outline box, plot labels, error bars, and multiple plots to one graph
- Display clipped plots to the clipping limit to control out-of-range data display
- Create multi-colored line segments
- Specify any character for the thousands separator
- Use the comma character as the decimal separator
- Specify the shape or image of individual bars in bar chart type graphs
- Apply radius and angle offsets to polar bar chart labels
- Use the Text Editor dialog for detailed label prefixes and suffixes
- Zoom in on graph data with a graph magnifier

Worksheet Features
- Read data directly from a Microsoft Access ACCDB file
- Read data from queries or tables in MDB and ACCDB files
- Open a database in the worksheet
- Change the worksheet for all selected plots at one time
- Reload worksheet files changed in other applications
- Open an Excel spreadsheet as a native Excel document
- Open ACCDB, BLN, BNA, CSV, DAT, DBF, MDB, SLK, TXT, W??, XLS, and XLSX
- Save data in BLN, BNA, CSV, DAT, SLK, TXT, and XLS
- Calculate statistics and transform data using equations based on columns, rows, or cells
- Find and Replace commands to locate data

2D Graph Types
- Line/Scatter Plot
- Class Scatter
- Function
- Step Plot
- Summation Plot
- Bar Chart
- Floating Bar Chart
- Histogram
- Polar
- Polar Class
- Polar Bar Chart
- Polar Function
- Radar Plot
- Rose Diagram
- Wind Chart
- Bubble Plot
- Box-Whisker Plot
- Pie Chart
- Stiff Plot
- Hi-Low-Close Plot
- Ternary Diagram
- Vector Plot

3D XYY Graph Types
- Ribbon/Wall Plot
- Function
- Step Plot
- Floating Bar Chart
- Bar Chart
- Histogram
- Pie Chart

3D XYZ Graph Types
- Line/Scatter Plot
- Class Scatter
- Bar Chart
- Floating Bar Chart
- Bubble Plot
- Surface Data
- Surface Function
- Surface Grid
- Contour Data
- Contour Grid

Drawing Tools
- Add headers and footers to graphs
- Optionally export the headers and footers
- Fill using linear or radial gradient color fills
- Text Editor supports text editing techniques, linked worksheet text, and background line and fill properties
- Add text, polygons, polylines, symbols, rectangles, rounded rectangles, ellipses, spline polylines, and spline polygons
- Rotate, move, reshape, align, and combine objects
- Transparency for all line, fill, text, and symbol color settings
- Customize opacity levels for all objects
- Magnify any portion of a page with an inset zoom window
- Worksheet linked text for all text blocks

Download a Demo Today!

Data Analysis Tools
- Insert fit statistics as a dynamic text item in the plot window
- NULL criteria excludes data by numbers or data ranges
- Column criteria selects data based on data in any column
- Calculate and display the area under a line plot to any baseline value
- Export function plots, fit curves, and histogram bin count and cumulative frequency to a worksheet
- Assign coordinates to bitmaps and directly digitize
- Digitize anywhere on the graph
- Add fit curves
- Add confidence intervals to fit curves
- Digitize from a ternary diagram to get three values

Axes, Tick Marks, Tick Labels & Legends
- Clip a polar plot to any angle values
- Choose one of five different axis scales (Linear, Log, -Ln, Probability, Probability %)
- Break an axis in one location
- Use superscripted exponential labels (10^9)
- Set axis titles, tick marks, tick labels, grid lines, and more
- Create date axis labels and choose the date format
- Automatically place axis title on appropriate side of axis
- Create multiple axes for one graph
- Limit ternary axes to a portion of the graph
- Move axis tick mark labels and axis titles with the mouse
- Display Date/Time on major and minor axis labels
- Create and limit tick labels and grid lines from worksheet columns
- Link legend entries to plot names and legend titles to the graph name
- Add a top-level legend
- Create legends with multiple columns
- Format space between legend items
- Display line plot fills in the legend
- Display class scatter legends with numeric ranges or descriptive class text

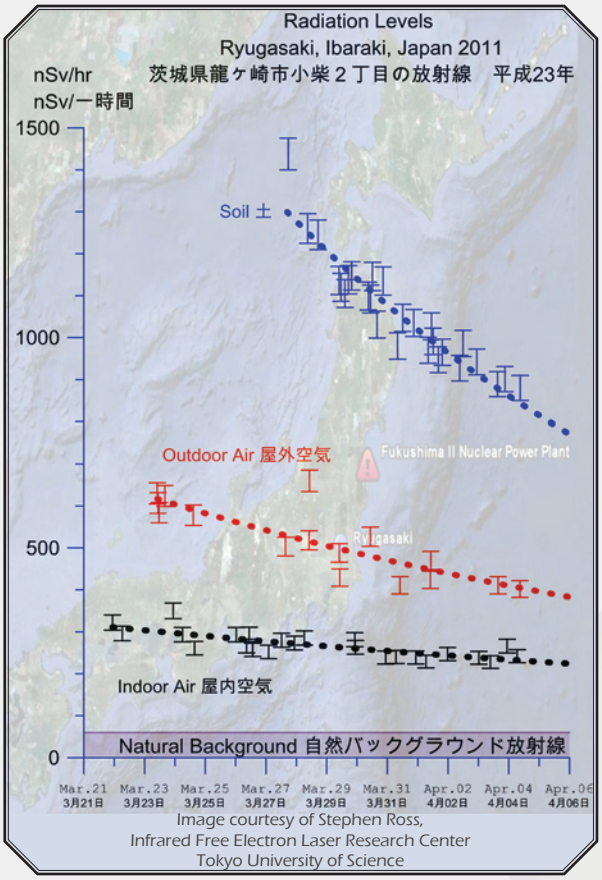
Automation
- Automatically record processes done interactively
- Includes updated Scripter, a VB compatible scripting program
- Compatible with any ActiveX Automation language
- OLE compatible for easy object linking and embedding
- Control all graph properties directly from a script or macro

Import Formats
ACCDB, AN1, AN2, BLN, BMP, BNA, BW, CSV, DAT, DBF, DCM, DDF, DEM, DIC, DICOM, DLG, DT?, DXF, E00, EMF, GIF, GRD, GSB, GSI, HDR, JPG, LGO, LGS, MDB, MIF, PBM, PGM, PLT, PLY, PNG, PNM, PPM, RAS, RGB, RGBA, SHP, SID, SLK, SUN, TGA, TIF, TXT, VTK, WMF, X, XIMG, XLS, and XLSX

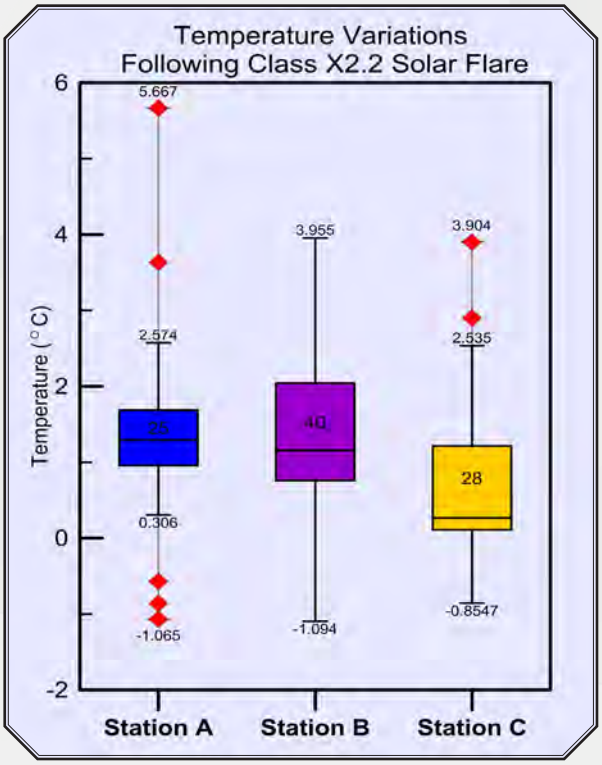
Export Formats
BLN, BMP, BNA, BW, CSV, DAT, DXF, EMF, EPS, GIF, GSB, JPG, MIF, PBM, PDF (raster), PDF (vector), PGM, PNG, PNM, PPM, RAS, RGB, RGBA, SHP, SLK, SUN, TGA, TIF, TXT, WMF, X, XIMG, and XLS

System Requirements • Windows XP SP2 or higher, Vista, 7 or higher
512MB RAM minimum, 1GB RAM recommended • 100MB free hard disk space • 1024x768x16-bit color min. resolution

Why you NEED **Grapher™ 9**!



Both Japanese and English text is used to effectively communicate the details of the radiation levels following the 2011 tsunami. All aspects of your **Grapher** plot support international fonts.



Emphasize all important aspects of your data with labels, symbols, colors, and text. The most intuitive and informative graphs are a few clicks away!

✓**Grapher** Goes International! You've waited long enough. All aspects of **Grapher** now support international fonts and characters such as Chinese, Russian, Greek, and Hebrew text.

✓Leave No Data Behind! Work with all of your large data sets and images without the worry of running out of memory and create the most accurate graphs with **Grapher's** enhanced precision capabilities. Install either the 32-bit or 64-bit version of **Grapher** for peak performance!

✓Versatile Visualization! Need to limit the data displayed in your bar chart? No problem! Simply clip the extraneous data and **Grapher** will display the bars up to your clipping limit.

✓Improved Flexibility! It is easier than ever to format graphs with **Grapher's** new mouse controlled features. Move graph titles, axis tick mark labels, and axis titles to any desired location with a click of your mouse.

✓Advanced Abilities! **Grapher** directly imports your data straight from an Access® database query. No extra effort is required!

✓Quick Customization! Even the smallest details of your graph are customizable. Use date and time settings for your minor axis labels and specify specific rows to display tick mark labels from within the **Grapher** worksheet. Creating the most informative graphs is a cinch!

✓Complete Control! Editing graphs has never been easier with the new drag and drop capabilities in **Grapher**. Now you are able to drag and drop plots into or out of graphs and to another graph in a snap.

✓Superior Finishing! Create the most intuitive graphs with **Grapher**. Label each and every portion of your plot and you'll be ready for publication in no time!

✓Save Time and Effort! Effortlessly edit your **Grapher** composite! Now individual components of your grouped graph can be edited immediately without first being broken apart.

✓Scripting Made Easy! **Grapher's** updated and built-in Visual Basic compatible program, Scripter, allows anyone to create their own scripts to automate repetitive tasks. Work smarter, not harder with **Grapher 9**.

✓Stay Up To Date! **Grapher** automatically checks for updates to ensure you are running the latest and greatest version of **Grapher 9**. And best of all, the updates are free!

✓The Above are Only a Few of **Grapher 9's** Enhancements! Buy **Grapher 9** today and discover the very best graphing software in the industry!