

Official version history and changelog information for Grapher 12.

**Grapher 12.7.855 and 12.7.126 (5 July 2017)**

- Corrected an issue where Grapher crashed when trying to save a project file if custom Options had not previously been set

**Grapher 12.6.851 and 12.6.121 (29 June 2017)**

- Corrected an issue where Grapher 12 is much slower opening a large file than Grapher 10 was
- Corrected a crash when changing vector plot defaults and then going to radar plot defaults
- Corrected a crash when closing an Excel window from within Grapher
- Corrected a crash in defaults when using arrows to change tick label font size for polar angle axis
- Corrected an Internal Error when changing line style
- Corrected an Internal Error when copy/pasting a graph
- Corrected an Internal Error when saving a GPJ created from a web-based XLS file
- Corrected an issue where axes labels were misaligned
- Corrected an issue where reaching the `Attrib.ini` character limit causes the program to not open or to crash
- Corrected an issue where prefix/suffix don't work for 3D floating bar chart labels
- Corrected an issue where symbols are not displaying on a polar class plot using text classes
- Corrected an issue where linked text is not honoring `\upX` or `\dnX` math text
- Corrected an automation issue where the `AddEntry` command does not add a legend entry
- Corrected an issue where the application hangs due to a custom system locale
- Corrected an issue where exporting stock windows fill patterns to image fill patterns results in an image with too-high resolution (fill looks solid)
- Corrected an issue where a specific TIF file is not recognized as a grid file
- Corrected an issue where importing a DXF file does not properly read font colors
- Corrected an issue where opening a 3D DXF file in the worksheet does not have the proper Z values

**Grapher 12.5.811 (27 March 2017) and 12.5.87 (5 April 2017)**

- Fixed a crash when attempting to save a GRF file
- Fixed a crash when exporting a text object with font height of 0 to vector PDF
- Fixed a crash when closing Grapher if an embedded plot is open in MS Word
- Fixed a crash when attempting to open a Grapher file stored on Sharepoint
- Fixed a crash when closing the program after opening many files
- Fixed a crash when initializing customer tracking
- Fixed a crash when undoing an Arrange command
- Fixed a crash when undoing an operation and then clicking in the view window
- Fixed a crash when loading an Excel file
- Fixed a crash when selecting many line/scatter plots
- Fixed a crash when performing a Save As operation on an Excel file opened with the Open Excel command
- Fixed a crash when attempting to remove the Excel document window after closing it
- Fixed a crash when clicking and dragging a file into Grapher to open it

- Fixed a crash trying to format a date with a NAN value
- Fixed a crash entering the Graph Wizard from the welcome dialog, selecting a graph and clicking Next, clicking Back and selecting a new graph type, then clicking Next again
- Fixed an issue where pasting an EMF with broken apart enabled resulted in an upside-down image
- Fixed a “Catastrophic Error” when running a script recorded with the Script Recorder
- Fixed an issue where clicking Apply before clicking OK to add a fit curve caused custom clipping limits to be applied, so it looked like the fit was not added
- Fixed an issue where the Align commands were not available when multiple objects within a graph were selected
- Fixed an issue where automatic logarithmic axes limits didn’t update properly with a negative fit curve
- Fixed an issue where resizing polar vector plots caused the arrows to become incorrect lengths
- Fixed an “Incomplete point entity” error when importing a DXF file containing one point entity that is missing its layer group
- Fixed an “Unrecognized or invalid shape type 4294963199” error when importing a malformed SHP file where the record sizes don’t match the sizes indicated in the record headers
- Fixed an “Unrecognized or invalid shape type 1027679809” error when importing a SHP file containing points missing the ‘m’ portion of the record
- Fixed an issue where SID files imported at different scales had different limits
- Fixed an internal error when importing a GSB file where the number of vertices didn’t match the vertex count
- Fixed an issue where SHP point files were opening in the worksheet if you used the LiDAR import
- Fixed an issue where a GSB file could be exported with an incorrect vertex count
- Fixed an issue with date/time format not being applied via Scripiter
- Fixed an issue where copy/pasting into a clean worksheet did not mark it as changed
- Fixed an issue in the Text Editor where the selection was too big if the font size was small
- Fixed an issue in the Text Editor where the cursor was in the wrong location if the text was small
- Fixed an issue where a filled contour map is not displaying the gradient fill in the legend
- Fixed an issue where GPX files containing Unicode names don’t load properly
- Fixed an issue where importing a large BNA with a polyline composed of many many vertices is much slower in the current version than in an older version
- Fixed an issue where resizing the bottom pane in the Options dialog makes the main pane disappear
- Updated the Piper Plot.grf sample file to show all data points in the diamond plot and to display only one symbol for the orange data points

**Grapher 12.4.753 and 12.4.39 (19 December 2016), Grapher 12.4.46 (4 January 2017)**

- Corrected an issue where importing a SHP file where the record sizes don’t match the headers resulted in an Unrecognized or invalid shape type error
- Corrected an issue where a metafile is not exported to a vector PDF
- Corrected an issue where a clipped metafile exports to vector PDF with parts shifted or missing
- Corrected a crash when saving a GRF file
- Corrected an issue where part of the outline of the Preview box in the Open dialog is missing

- Corrected an issue where the first or last tick mark for a specific axis is missing
- Corrected a crash undoing position/size operations
- Corrected a crash after setting the link axis value to None and then undoing the operation
- Corrected a crash when double clicking a Grapher file to open it
- Corrected a crash when closing a document window
- Corrected a crash when copying or cutting two non-adjacent columns from the Worksheet Manager
- Corrected a crash when closing a plot window and switching to another open window
- Corrected a crash when undoing after adding a linear fit to a line plot, inserting statistics for the fit, and then deleting the fit curve
- Corrected a crash when trying to open a TXT file with the Preview pane showing and a Digitize dialog open.

#### **Grapher 12.3.734 (1 November 2016)**

- Corrected a crash after undoing a deletion
- Corrected a crash after attempting to copy two non-adjacent columns from the Worksheet Manager

#### **Grapher 12.2.728 (25 October 2016)**

- Corrected an issue where recording a script with a custom cutoff value filled down to the axis because FillCutoffAuto was still set to True
- Corrected an issue where adding a few average fits curves resulted in incorrect fit curves
- Corrected a crash after opening a graph
- Corrected a crash after selecting an empty fit curve
- Deprecated a few duplicate automation commands (TitleFont, TitleText)
- Corrected a crash when creating a plot from the Graph Wizard with an ACCDB file and changing the worksheet
- Corrected a crash when opening specific GPJ files
- Corrected an issue with getting a "Value must be >0" error when clicking buttons in the Color Gradient dialog
- Corrected an issue where custom first row and last row settings for box-whisker plots were not accepted if the assigned rows contain empty or text values
- Corrected an issue where Disable tick marks/labels and Flip tick marks/labels were not working when adding a duplicate axis
- Corrected a crash when deleting a class plot and/or class plot legend
- Corrected a crash when opening a Grapher 10 GRF file with nonstandard date/time label format
- Corrected an issue where the custom color option in the Text Editor had disappeared
- Corrected an issue where custom class plot legend names changed when the plot name changed
- Corrected a crash when printing using the Truncate print method
- Corrected an internal error when assigning coordinates to an image
- Corrected a crash when closing a file
- Corrected a crash when copy/pasting a bar chart with gradient fill
- Corrected an issue where lines are too wide when exporting to EMF if page units are set to cm
- Corrected a crash when saving a GRF file

- Corrected an issue where moving a copy/pasted 3D ribbon plot causes the plot to show up in the incorrect location relative to the axes
- Corrected an internal error when importing an EMF file with a 24-bit or 32-bit image
- Corrected an issue where importing a WMF file causes non-rotated text to stretch when the image is imported as broken-apart
- Corrected an issue where polylines stop antialiasing at certain widths and zoom levels
- Corrected an issue where Unicode text in the Text Editor cannot be selected
- Corrected a crash when copy/pasting a surface function map
- Corrected an issue where line plot fill was not vertically down to the axis if clipping was applied
- Corrected an issue where dragging and dropping a plot in the Object Manager into a graph with multiple axes cannot be canceled
- Corrected a crash when selecting an object or group
- Corrected a crash when changing the default floating bar chart orientation to horizontal
- Corrected a crash when typing eleven or more numbers into the Custom Line dialog
- Corrected a crash when editing multiple wind charts' speed bins at the same time
- Corrected a crash when selecting/editing inserted Word documents
- Corrected an internal error when reloading data
- Corrected an issue where showing grid lines at major labels only shows no grid lines at all if the axis is descending
- Corrected a crash when copying a floating bar chart
- Corrected a crash when copy/pasting a box-whisker plot
- Corrected a crash when editing defaults and then selecting a plot that does not have that default property
- Corrected an issue where importing a SHP file with an incorrect code page number resulted in an "Invalid parameter passed to subroutine or function" error
- Corrected an issue where importing a SHP file with an incorrect header object results in an "Unrecognized or invalid shape type" error
- Corrected an issue where importing a binary DXF file results in an "Unknown record format" error
- Corrected an issue where changing the page setup margins from the worksheet results in an error: "Margin does not fit on page"
- Corrected an issue where inserting a template in the Text Editor didn't allow for selection of the upper box
- Corrected an issue where importing a SHP file containing a record with zero vertices results in an "Unrecognized or invalid shape type" error
- Corrected an issue where importing a TIFF with AdobeDeflate compression results in an error: "Specified TIFF file contains an unrecognized image format or file is corrupt. Can't import."
- Corrected a crash when loading a TIFF with tiling and horizontal differencing
- Corrected an issue with opening a large DXF file in the worksheet view
- Corrected an issue where importing an EMF results in an incorrectly-sized image with extra space in the bounding box
- Corrected an issue where copy/pasting from the worksheet puts contents in quotes
- Corrected an issue where the 00 and 12 hours were listed with incorrect AM/PM designation
- Corrected an internal error when deleting and cutting data from the worksheet

- Corrected a crash when copying large polygons to the Windows clipboard
- Corrected an issue where certain date/time values in the worksheet display with 60 seconds rather than the next minute value (i.e. 12:29:60 rather than 12:30:00)
- Corrected an issue where importing a tiled TIFF image that is not DCT/JPEG compressed results in a “This format is not supported” error
- Corrected an issue with exporting DXF files containing layers/objects with colons or other non-alphanumeric characters in the name
- Corrected an issue where exported DXF files result in a FATAL ERROR when opened in AutoCAD/TrueView 2017
- Corrected an issue where the incorrect worksheet is loaded when opening a GRF file if a worksheet with that same name is already open
- Corrected an issue where the last tick mark on a date/time axis is not being displayed
- Corrected a crash after selecting Maps | Contour XZ Grid Map in the Defaults dialog
- Corrected a crash when editing a worksheet cell for a function plot
- Corrected a crash when changing the gradient fill direction for a candlestick plot

### **Grapher 12.1.651 (3 May 2016)**

- Improved text selection in the Text Editor.
- Updated the gradient fills to flip direction when the axis “Descending” option is checked.
- Updated the automation Vertices option to allow vertices for existing polygons to be extracted and reloaded using the Polygon.Vertices options.
- Updated the script recorder to properly record tables, queries, and columns when opening an Access database.
- Corrected a crash that occurred when copy/pasting a plot that had any clipping on it.
- Corrected a crash that occurred when saving a graph with a bad legend.
- Corrected a crash that occurred when deleting plots linked to top-level legends.
- Corrected a crash that occurred when sheets in an Excel file with spaces at the end or beginning of the sheet name would not open.
- Corrected a crash that occurred when older Grapher files were opened. Some may not prompt for changed worksheet data properly. Program may cause a crash. Dialogs now appear requesting new data files or Excel sheets.
- Corrected a crash that occurred when copy/pasting a bar chart. Bar charts can now be copy/pasted correctly.
- Corrected a crash that occurred at various locations in the program for some users.
- Corrected a crash that occurred when the axis minimum value was exactly equal to the axis maximum value and the Tick Marks tab was clicked in the Property Manager.
- Corrected a crash that could occur when saving text to a Grapher 9 GRF format.
- Corrected a crash that occurred when double-clicking on a DBF file associated with Grapher.
- Corrected an internal error that occurred when exporting a graph with metafile objects to a vector PDF file.
- Corrected an internal error that occurred when changing the Maximum value in the Color Gradient dialog.
- Corrected an internal error that occurred when opening some files.

- Corrected an internal error that occurred when exporting thousands of data points to an ESRI SHP file and XLSX file.
- Corrected an internal error that occurred when changing the axis scale on some graphs.
- Corrected an issue where some Grapher 11 files would not open in Grapher 12.
- Corrected an issue where discontinuous data was not plotting properly. Sometimes extra fill patterns appeared in the plot.
- Corrected an issue where entries in a class plot legend may not appear correctly.
- Corrected an issue where labels on 3D plots may appear too far away from the actual plot.
- Corrected an issue where reversing a gradient colormap may result in the gradient type also changing.
- Corrected an issue where checking the “At labels only” option on the Grid Lines tab for an axis showed all of the grid lines, instead of only those with tick labels.
- Corrected an issue where the bounding box for a legend would not resize appropriately after changing the text in the legend.
- Corrected an issue where pie chart labels were cutoff when changing the data associated with the pie chart.
- Corrected an issue where the class plot text classes could not be edited.
- Corrected an issue where an extra ) appeared in inserted fit statistics for an exponential fit curve.
- Corrected an issue where histogram graphs disappeared when rotated exactly 90 degrees.
- Corrected an issue where the boxes in a wind chart legend were not appearing correctly.
- Corrected an issue where plot labels were not appearing correctly when using the Alternate above-below and Alternate left-right label locations.
- Corrected an issue where some duplicate axes were placed inappropriately. Axes now placed at the correct location.
- Corrected an issue where saving a ternary plot to Grapher 11 format removed all plots from the graph. Plots are now saved appropriately.
- Corrected an issue where changing the X position or Y position of a ternary axis did not move the graph.
- Corrected an issue where clipped box-whisker plots displayed incorrectly and did not align with the axis labels.
- Corrected an issue where changing an axis tick range options on the Tick Marks tab to Axis minimum or Axis maximum would not stick.
- Corrected an issue where using a color gradient on a 3D ribbon/wall plot would result in incorrect fill.
- Corrected an issue where gradient colors were not used when changing a plot from one plot type (example bar chart) to another plot type (example line plot). Gradient colors are now used in both plots.
- Corrected an issue where the legend for a bar chart with a gradient radial fill was displayed with the colors reversed. Colors in legend now match colors in the plot.
- Corrected an issue where arrowheads were not copy/pasted when pasting the graph as a bitmap into other programs. Arrowheads are now included.

- Corrected an issue where date/time axis tick mark labels were placed incorrectly when using multiple months or years as the tick mark spacing. Date/time labels are now placed correctly, regardless of the number of months/years between tick marks.
- Corrected an issue where superscripted text could appear off the Text Editor window.
- Corrected an issue where lines in a Text Editor template may be drawn in the wrong direction.
- Corrected an issue where importing some WMF files would issue an error message and only part of the file would appear.
- Corrected an issue where loading some JP2 files would not open in Grapher. Files now open properly.
- Corrected an issue where exporting to a vector PDF was not exporting the page size.

**Grapher 12.0.607 (2 March 2016)**

- Grapher 12 released.