

Gann Grids Ultra 5.0 Charting Application

By Pivot Point Research

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Overview of Gann Grids ultra

“New” 5.0 Version Requirements:

Windows 2000, Windows XP (with SP2), Windows VISTA (Home or Professional)

Important! If you have any outside windows applications other then the ones mentioned above please contact technical support at pvtpoint@aol.com before downloading or purchasing Gann Grids Print or Ultra versions.

Minimum 512 MB memory

20MB Free Disk Space

An Internet connection - For installation and registration

What Is the Gann Grids Program?

The Gann Grids Ultra program is a “Brand New” research program that allows its user to plot and chart almost all stocks, commodities and index on a large number of harmonically perfect grid chart sizes. These unique grid chart sizes are similar to the ones used by the late WD Gann, George Bayer and RN Elliot within their unique and compelling forecasting research.

Are all of Gann and Bayer's ideas included in as tools within its functions?

No... Though each book, course and research application has been painstakingly dissected over the years I have only included the ones I have found to work best within GGU'S unique functions.

What are the some of the benefits of this approach?

This keeping the best and throwing out the rest approach has equipped the Gann Grids ultra program with some of the most controversial yet spectacular forecasting applications known at this time. This concept also helps save its users days, weeks and even months of dead end trial and error testing. Only the most highly probable price and time cycle concepts were kept as individual tools.

Can I view results on screen?

Yes... Each of my specialized Gann Grids tools were built one at a time and made to be viewed on screen with the simple click of a button. This simple click of a button feature will allow its user to potentially see at a glance exactly what the 3 masters were trying to convey within their legendary works. This feature will ultimately save its user days, weeks or even months of trial and error research.

Most Gann and Bayer forecasting applications can now be done and viewed in just seconds!

Is this program only good for Gann and Bayer type research?

No... Even though this program was built with Gann, Bayer and Elliot's unique astronomical and mathematical forecasting concept in mind, several other high probability tools have been added to the New 5.0 version. These extra applications truly make this one of the most open ended forecasting programs on the market at this time!

Why was the program built?

Even though this program was built out of sheer necessity as no other program gave the needed testing freedom to unlock Gann, Bayer and other forecasting concepts on screen, the ultimate reason behind its design was to allow its users to make some new and potentially unique price and time cycle discoveries of their own. This task in my opinion was achieved by adding as many mathematical and astronomical cycle tools as I could

With more to come in future upgrades..!

Has this goal been achieved?

I feel Yes....As a many 2.0, 3.0, and now 4.0 version owners have already brought several exciting and new concepts to my attention!...Making this study a truly fascinating and open ended science!!

I call this science the science of "Astro-numerical forecasting and research"

Good luck and happy forecasting.

Robert Giordano
Owner of Pivot Point Research Inc

System Walk-Thru for Version 5.0

IMPORTANT!

Though several functions have been upgraded, added and changed on the 5.0 version's tool bar, I have intentionally left several screen shots of the 2.0, 3.0 and 4.0 tool explanations as they have NOT changed within this upgrade. New additions will be marked accordingly.

New to 5.0 version **"Free" Yahoo Data now available**

In the past many have asked if there were any **"FREE"** internet data sources Gann Grids Ultra will work with..... And the answer is now **"YES"!!**

Gann Grids Ultra 5.0 will now work with most historical Yahoo data extracted from www.finance.yahoo.com but must be converted into a CSV file first.

However this is a very simple procedure.

- 1) Open up the webpage **www.finance.yahoo.com**
- 2) Plug in the desired symbol into the **"Get Quote"** box
- 3) Click on **"Historical Prices"** section on left
- 4) Set date and time settings to the desired settings... IE. Start Date, End Date and time period (Daily, weekly, or monthly format)
- 5) Once done scroll down to **"Download to Spreadsheet"** then save to desired location.
- 6) Next, open data in Excel, expand column A to show all dates, then press at the same time **ctrl/A**. This will highlight all data within the file.
- 7) Once highlighted click from the top toolbar the **"Data"** button, then **"Sort"** by setting the first box to **"Date"** and click on Ascending, then press **"File"**, **"Save"** and click yes to save as **CSV** format.
- 8) Once the data is converted and saved go to Gann Grids Ultra's file section, open the saved **CSV** file by clicking on **"File"** and highlight the desired time period from the file being read. ...IE... Daily, Weekly or Monthly charts.
- 9) Then set the format as follows:

File: C:\Documents and Settings\Compaq_Owner...

File Type: Data Delimited

Data Delimiter: ,

Start Line Number: 1

Chart Price Decimal Adjustment: 1

Field/Position	Length
Symbol	0
Date	10
Open	10
High	10
Low	10
Close	10

Date: Delimited

Date Format: MDY, Delimiter: /, Year Length: 4, Month Length: 2

- 1) File: Opens chart file being read
- 2) File type: Data delimited
- 3) Data delimiter: , (comma)
- 4) Start line: 2
- 5) Chart price adjustment: (keep as 1 unless dealing with intra dollar price formats)
- 6) Field positions are:
 - 1) Symbol: 0
 - 2) Date: 1
 - 3) Open: 2
 - 4) High: 3
 - 5) Low: 4
 - 6) Close: 5
 - 7) The "Date" is: Delimited
 - 8) Date format is: MDY
 - 9) Delimiter is a: / (backslash)
 - 10) Year length is: 4
 - 11) And Month length is: NA

ASCII DATA SETUP

Decide on the chart frequency: Daily, Weekly, or Monthly

Important... make sure the data file chosen matches the program setting or the tools will not work properly.

Import a data file: Either provided by the “**Dial Data’s**” downloader, Metastock data feed or other outside ASCII format sources

The format: A description of the ASCII fields must be predetermined before notifying the charting program of the placement of the fields. Click “OK” once the format is set up.

Example ASCII Data Field: Symbol, Date, Open , High, Low, ClosePositions may vary depending on the ASCII file Data provider being used along with its delimiter(-, or tab)

Sample Data locations: 0, 1, 3, 4, 5, 6 comma delimited

To save chart: click on the first button on the toolbar, or simply, close the chart window, and select the “Yes” option to save your chart. Select a location from the browser, and “Save”.

Getting Started

Prior to deploying the application: The user should be aware of the location and format of the historical price data files. The prices will be plotted on the chart on their corresponding dates. Perform the following steps:

1. Click on “Gann Grids Ultra” program icon from your Start Menu.
 - a. Select the “File” option.
 - b. Select “New Gann Chart”
2. Select your desired frequency. “Daily” will plot O, H, L, C prices for each weekday. (We only use weekend setting on daily research projects as many of the astro dates will fall on the Sat. or Sun. positions) A place holder will appear for Saturday and Sunday when “Weekends” option is chosen.

Important...The Gann Grids Ultra program was built for 365 day research only and will not give accurate readings without it, therefore weekends are inserted into your daily charts for versions 3.0, 4.0 and 5.0. This means trading day charts are NOT an option at this time.

Also understand the Gann Grids Ultra programs only have a limited print feature within its settings, however all files can be saved to your PC in the directory of your choice for easy retrieval.

If a print feature is needed you may purchase the print version of Gann Grids located at www.pvtpointmktres.com at any time. The print version however though compatible with the new systems and data providers it will NOT allow the user to print any draw tools or overlays as constructed by the Ultra versions at this time. It will only print the Open, High, Low and Close bars leaving the rest to be done by hand.

1. “Weekly” data will contain the week high and low format, starting on Monday’s opening bell through Friday’s closing bell.
2. “Monthly” data will contain the monthly high and low price swings. It starts on the opening price on the first business day of the month, and runs through the closing bell on the last business day of that same month. The price file frequency should match the description, or desired results may not be obtained.
3. You must now select the price file you wish to plot, and information about the file. The application has four preset formats. If you used the “Dial Data Downloader”, Gann Grids Ultra knows the format of both fixed and comma-delimited files.
 - **Data Delimited** – the fields are separated by a delimiter like a comma or tab. Use this if you have created a .CSV file from a spreadsheet.
 - **Fixed Length** – each row of data is the same length, and each field is the same size and in the same position in every row. For example, the price may be 8 characters long, and starts in the tenth position in each row, and the date is 10 characters long and starts in the 20th position in each row.

Please understand that not all ASCII files are the same so all data files must be examined thoroughly to find the appropriate numerical format!

Its numerical format is as follows:

	Position	Length	
Symbol	1	0	<input checked="" type="checkbox"/> Include Weekends
Date	3	0	
Open	5	0	
High	6	0	
Low	7	0	
Close	8	0	

Date Format: Fixed
Date Format: YMD, Delimiter: , Year Length: 4, Month Length: 2

- File type is Data Delimited.
- The **Data** Delimiter is a comma “,”.
- Start Line Number is 2.
- Symbol is field 1.
- Date is field 3.
- Open is field 5.
- High is field 6
- Low is field 7.
- Close is field 8.
- Date format is Fixed, “YMD”, with a 4 digit year and 2 digit month.
- If the **Date** Delimiter is “grayed” out (disabled), the delimiter will be ignored, so do not be concerned if it is not blank.

In order to determine what this screen should look like for other formats, open your price file in Notepad. Maximize your screen, so you can see the position of each field.

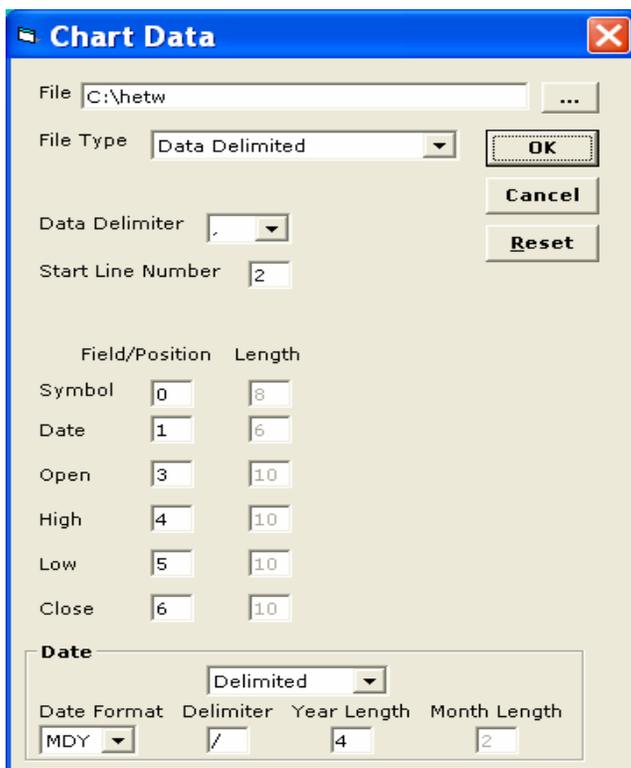
Since Gann Grids Ultra only reads the Date, Open, High, Low, and Close positions you must locate the exact position of each within your ASCII file.....

EXAMPLE 2

In this example the file type is data Delimited, the Delimiter is a Coma, the Start line is set at 2, and the date format is MDY. There is no symbol placement so the symbol space is set at 0, the Date is in the 1st position, Time is left out so the open is set at place 3, High is at 4, Low is at 5, and Close is in place 6

T=TIME, O= OPEN, H=HIGH, L=LOW, C=CLOSE, V= VOLUME, OI= OPEN INTEREST

DATE T O H L C V OI
 2/12/2007,12,35.50,36.25,35.50,36.15,99999999,0
 2/13/2007,12,36.15,36.50,35.85,35.90,99999999,0
 2/14/2007,12,35.80,36.15,35.75,36.00,99999999,0
 2/15/2007,12,36.00,36.00,35.50,35.50,99999999,0
 2/16/2007,12,35.20,35.70,34.40,35.00,99999999,0
 2/17/2007,12,35.00,35.20,34.30,35.00,99999999,0
 2/18/2007,12,34.70,35.00,34.40,34.55,99999999,0
 2/19/2007,12,34.55,34.65,34.20,34.30,99999999,0
 2/20/2007,12,34.40,34.65,33.90,33.90,99999999,0
 2/21/2007,12,34.00,34.85,33.90,34.35,99999999,0
 2/22/2007,12,34.50,35.10,34.45,34.90,99999999,0
 2/23/2007,12,34.90,35.90,34.90,35.75,99999999,0



If the file is “Delimited”, select your delimiter from the list, or type in another. If your delimiter does not appear in the list, Gann Grids Ultra will use whatever you typed in. It will not be able to distinguish a character that may appear elsewhere from a field separator.

For example...if your **fields** are separated by “/” and your date is also “/” delimited, Gann Grids Ultra will be not be able to parse your fields correctly. So, please try to use the delimiters provided.

New! Price Multiplier - Chart Price adjustment changes the data. This multiplies each Price by the number selected. For example, when working with indices the prices can get quite high and the prices can fluctuate to great extents. For easier viewing, you can reduce the prices, by using a multiplier of .01; a price of 1000 becomes 10.00. This is

also useful for commodities priced at penny-scales. A price of 2 cents (.02) can be converted into 2.00 with a price multiplier of 100.

Chart Data

File: C:\Gann Grids Ultra\Data\YHOOD.txt ...

File Type: Dialdata Fixed Length

OK

Cancel

Reset

Data Delimiter: []

Start Line Number: 1

Chart Price Decimal Adjustment: 1

Field/Position	Length
Symbol	1 8
Date	9 6
Open	15 10
High	25 10
Low	35 10
Close	45 10

Date: Fixed

Date Format	Delimiter	Year Length	Month Length
YMD	[]	2	2

Start Line Number... Start Line Number is the row where your actual data begins. For example Metastock begins placing data on row (line) 2. The first row is a heading. Dial data starts its data on row 1, along with no header row.

Now determine where (what position), the following fields are:

- **Symbol** – may not appear in all files.
- **Date** – required field – also note the date format. Gann Grids Ultra must know how the date appears. “YMD” means the date appears with the year first, then month, then day.

Examples are... 1999-09-15; 99/09/15; 1999-Sep-15; 990915; 19990915; 09/15/1999

The date delimiter is the character that separates the year from the month and day.

The date may be fixed format in which case there is no delimiter, the month will always be 2 digits, and the year may be 2 or 4 digits. (Also see example above)

- **Open price** – required field -Opening price of the time bar file
- **High price** – required field -High price of the time bar file
- **Low price** – required field -Low price of the time bar file
- **Closing price** – required field –Closing price of the time bar file

Supply the Position for “Delimited” files: if the symbol is the first field you see, place a “1” in the symbol position. If a field does not appear, place a “0” in the position. If the

date is the third field you see, place a “3” in the position. For Delimited files, the position **is** its field number, not the actual cursor position. The Length of the field is disabled because the length may vary.

Supply the Position and Length for “Fixed” files by using a text editor like Notepad. (If you have Microsoft Word, open your file with Word, by Left-clicking on the file and “Open With” option. Word will supply the “Col” – column – your field position.) For Fixed files you must know the actual position by locating your cursor position. Using Word, just use the “Col” located on the bottom line, below your document. You should be on Page 1, Sec 1, Ln 1. Place the cursor on the first character of each field. This is your “position”. Supply the Length by counting how many characters a field occupies. For example the opening price may be 10 characters long – 5 digits before the decimal point, 1 decimal point, 4 digits after the decimal point = 10 characters long.

Date Type is “**Fixed**” if all the dates are the same size, or “Delimited” if the size varies from row to row. Determine the place of the day, month and year to decide on the date format. If the date is fixed, the delimiter is ignored.

If your data comes from the same source or if your entire price files have the same format **you only need to go through this process once** as the program will remember and save your most recently used settings. Also, if you save your charts, this process is bypassed, even if you update your prices – as long as you do not change the name of your price file.

4. Press “OK” when finished. **IMPORTANT!** If the field definitions are not accurate, you will get an error about the format. If you are certain you have the correct “Start Line” then do not continue to load the file, just try it again. If you have started on the wrong line, continue to load the data. Gann Grids Ultra will try to pass each line. You will be prompted for errors until you decide to stop.
5. Gann Grids Ultra will remember your most recently used settings.

You are now ready to use the toolbar. We recommend you maximize your Gann Grids Ultra window to 24 grids per square inch or larger at first to get the most beneficial view of your historical price range. If you choose to open additional files simultaneously, you can tile your windows horizontally or vertically, or cascade if needed.

METASTOCK DATA

The **Gann Grids Ultra 4.0 and 5.0 versions** were formatted to include the **Metastock** data. This Metastock format can easily be setup and downloaded straight from the tool bar once an account has been established.

The first time you use this format, establish the Metastock folder containing your Metastock master file and data. Once GGU knows this location, all the stocks in the folder will appear on your list. Select a stock, press “Draw Gann Chart” button. Your chart will be drawn and this screen will close.



To establish an account just follow the “**Free 30 day trial link**” located at <http://www.pvtpointmktres.com> under data providers or click on the hyperlink within the start menu of Gann Grids set-up files

Navigating Gann Charts

Once the data has been automatically plotted on your chart, the most recent activity will appear on your starting screen. You can now scroll left into the past, right into the future and page up and down for prices.

New! By passing your mouse over the chart you can now locate the date and price for a more in-depth look at the current dates data. Right click your mouse on the date you wish to view and a pop up window will appear. In addition to providing the price information of that dates open, high, low and close the pop-up box will also displays the specific astro tools highlighted as well.



The program will plot an almost unlimited number of historical files along with scrolling up to 5 years into the future
 It will also scroll down to 0 and up to 1000 grids in price.

EXAMPLE

If the chart is set at a grid scale 8 and the price scale is set at 1 you can view up to 8000 in price, if its set at 12 you can view up to 12000 in price, set at 16 will allow you to view up to a 16000 price. If however, the price scale is set at .50 divide these numbers by 2...etc, etc...

The Gann chart below represents a Daily data with weekends.



Scroll your mouse across the chart to view the **date, O, H, L, C** and **grid coordinates**. This is located at the bottom right side of your screen.

The date range of the current view is located next to the **“Draw”** button. This section will tell you the start and end date being viewed on the **entire** screen.

The buttons and fields on the bottom of the screen: (Control Box)

- **“<<, >>”** – will allow the user to scroll back in time or into the future. The chart will scroll as far back as your data and up to 5 years into the future on all charts.
- **The Date fields** – if you would like to go directly to a date, instead of scrolling, just enter the date by choosing your month, day and year. Only valid dates will be accepted.
- **Scroll Frequency** – the next two fields represent how fast to horizontal scroll, for example “Week 1” would scroll left or right, 1 week at a time, month will scroll 1 month at a time and year will scroll 1 year at a time.
- **“Draw”** – will redraw the screen. After you change any field, the Draw button will apply the changes.
- **“Grid Size”** – the scale of the chart. Choose from preset list, or enter your **own** value. You can add any integer between 4 and 40.
- **Chart Price** – adjusts the vertical axis of the chart. On a chart price of 1, the chart will increment in 1 dollar interval. A minimum value of .01 and maximum of 9999 is the allowable range.

- **Note:** Gann Grids Ultra version #1 had a scroll up limit of 211 pages so the maximum \$1 price scale is \$8440 on a grid size of 40, a price scale set at \$2 would give a max of \$16,880 on this same grid size ...this feature has now been changed in version 3, version 3 now has a 1000 grid setting.
- **Price Adjustment** – positions the chart according to the price adjustment scale. Choose from preset list. **We however recommend you keep it set at 1.**
- **Vertical Scroll arrows** – page up and down to view prices above or below the viewable screen. **Note that on charts with a price scale of .25 and less the scroll frequency is slow, therefore the same page (price range) may appear more than once when pressing the scroll tabs. Your screen is NOT frozen; the same price range may be loading two or three times before changing.**
- **“NEW” Go to Price button-** This new feature brings the chart directly to the page of a selected price. This feature will save time scrolling page by page searching for the user defined price as was some-what cumbersome in the 2.0 version.

The Main Menu

The menu consists of four sub-menus:

1. File:
 - a. New Gann Chart – create a new Gann chart
 - i. ASCII Data – ASCII format, select the frequency of data
 1. Daily – the frequency of prices is daily
 2. Weekly – the frequency of prices is weekly
 3. Monthly – the frequency of prices is monthly
 4. Yearly – the frequency of prices is yearly
 - ii. Metastock format – create a new Gann chart from Metastock data
 - b. Open Saved Chart – re-open a previously created Gann chart. You will browse through your computer and select a “.CHT” file created by Gann Grids Ultra.
 - c. **There may be an occasional problem opening a chart created in a previous version of Gann Grids. In a case where any of your overlays, drawings, tools, etc is not read properly you may adjust your chart in “Notepad” by removing the line causing the problem. Gann Grids Ultra will notify you of where the problem lies. For severe problems please send your .CHT file to Pivot Point Technical Support for reformatting.**
 - d. EXIT the application.
2. Run:
 - a. Trade Tracking Spreadsheet – open the spreadsheet template in EXCEL. **You must have Microsoft Excel to open the spreadsheet, which you may customize.**
 - b. Pivot Point Data Downloader to retrieve Dial Data prices. You must have a Dial Data account, not provided by Pivot Point, and an internet connection to download data from Dial Data server. **Note to all VISTA users: Please take your Firewalls down temporarily (prior to opening the Data Downloader) to allow the data to download. Your transmission will hang and appear unresponsive if a Firewall is up.**
 - c. Metastock Downloader to retrieve Metastock formatted data. You must have a Metastock account, not provided by Pivot Point, and an internet connection to download data from Metastock server.
3. Window:
 - a. Cascade: arrange windows (Gann charts) in a cascading format.

- b. Tile charts horizontally across screen.
 - c. Tile charts vertically across screen.
4. Help:
- a. (F1) Contents: for full application “Help” system, with word searching.
 - b. Note to all VISTA users: GGU Help system is engineered by WinHelp32. The WinHelp32 feature is not included with VISTA’S operating system as it was in prior Windows versions. To utilize GGU Help, you must have WinHelp32. If you click on F1 and GGU Help appears, WinHelp32 has already been installed. If you get a Microsoft error message when clicking F1, follow the Microsoft link and instructions to install WinHelp32. There are different downloads which depend on the edition of VISTA. For example, “Home Edition”, “Professional Edition”, 32-bit or 64-bit. Microsoft will walk you through determining which download is right for your system. Close all your Gann Grids Ultra windows, including tools, then follow the installation directions.
 - c. About: view application version and your product key.

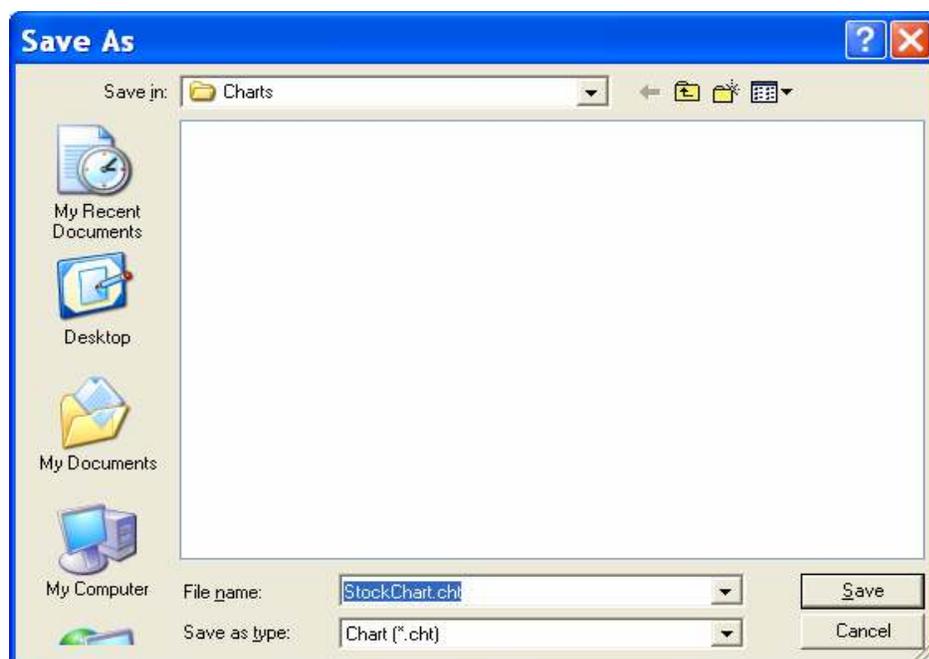
“New” 5.0 version toolbar!

Descriptions are given in order of appearance from left to right. Several new toolbar icons have been added to the 5.0 version



Save Button...

This button saves the name of the price file, so **you can get up-to-date prices without losing your chart information**. Saves format of your price file, to bypass the chart-settings screen. It will save all the waves, highlighted dates, research cycles, overlays and drawings. When you update your price files, please keep the names of your files consistent for accurate retrieval of charts.



Paste Button

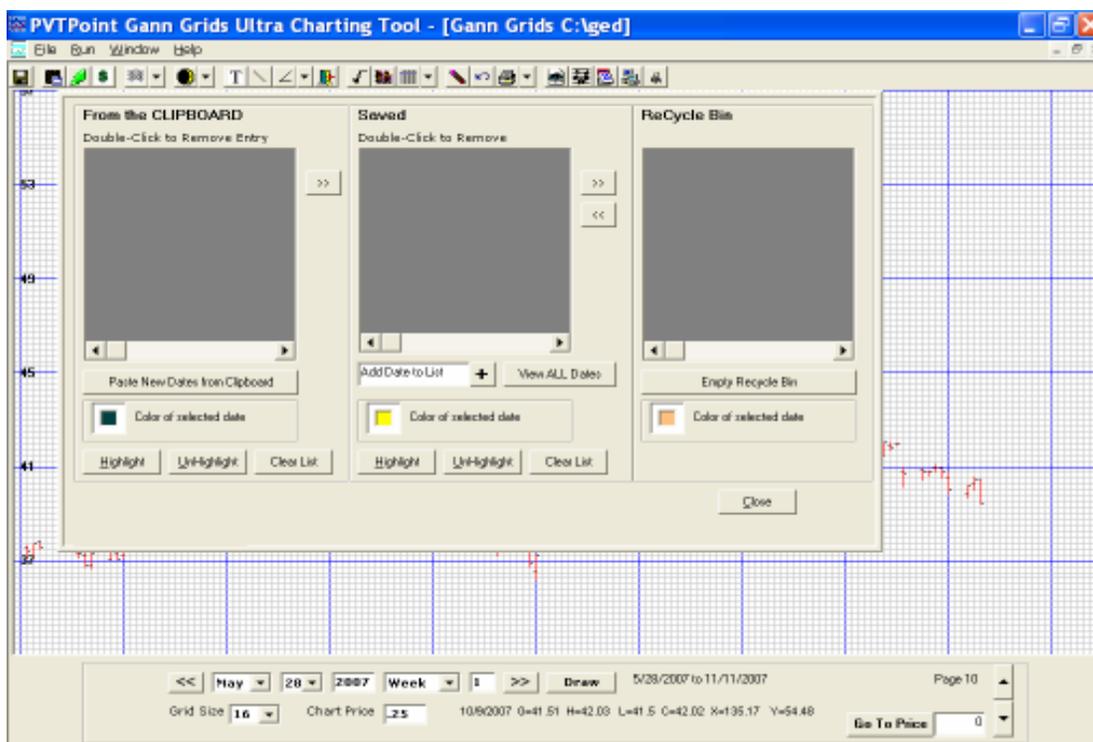
Paste dates on the clipboard. This function will pass information on the clipboard, when searching for dates. If you are running “Astro Tools”, press this button after you have copied dates. The dates appearing on the clipboard will be highlighted on the chart.



Maintain Highlighted Date button

When you click this button, a panel will appear over your chart. The dates on the clipboard will appear in the left list. The dates that you have highlighted will appear in the center list. The dates you have removed will appear in the “Recycle Bin” on the right. Here, you have the opportunity to manipulate and view the dates returned by the Astro tools and other sources. You may add, remove, highlight, un-highlight and change colors of the date series in this section

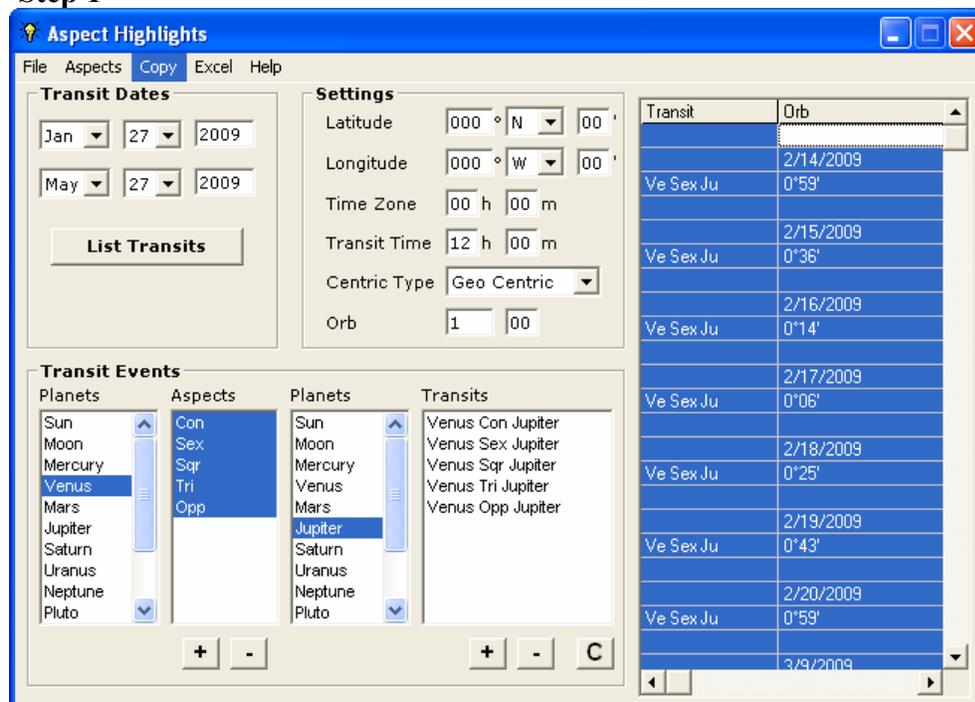




Example: Using astro tool 2 (aspect highlight).

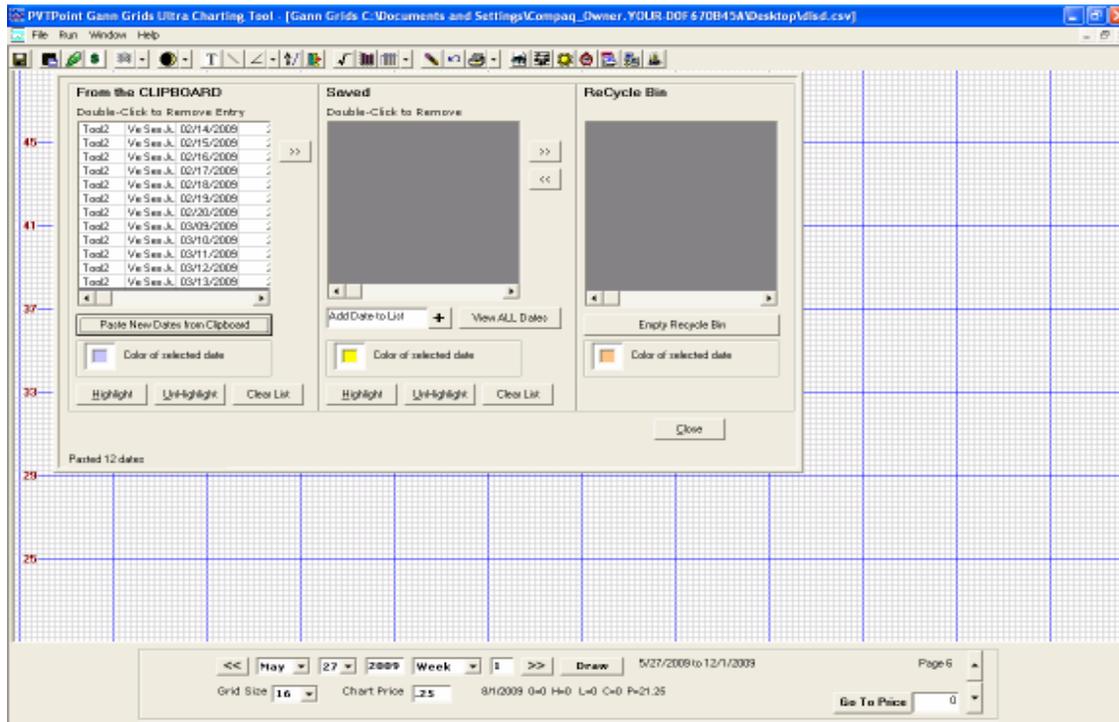
After doing a research project on the tool simply highlight the dates to be viewed on screen and press “copy”. This will store the highlighted dates.

Step 1



Step 2

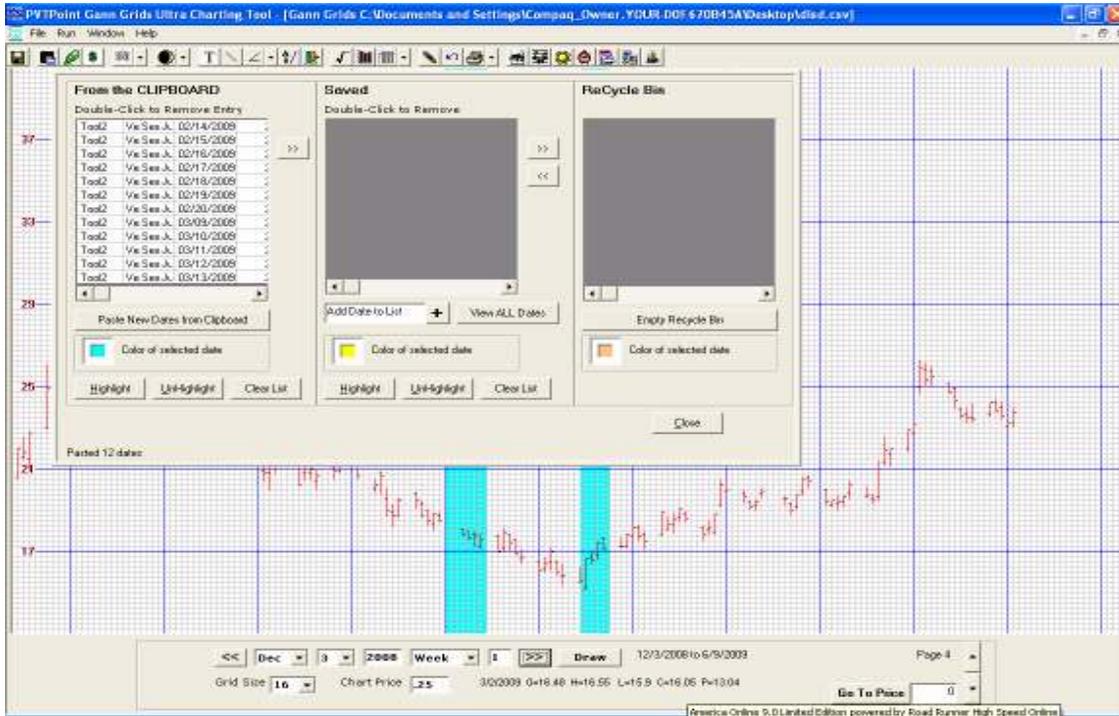
Once done open the clipboard application and click “past new dates from clipboard”.



This will send the highlighted dates to the clipboards left hand panel. At this point you can add the color of your choice to the dates to be highlighted by clicking on the colored box.

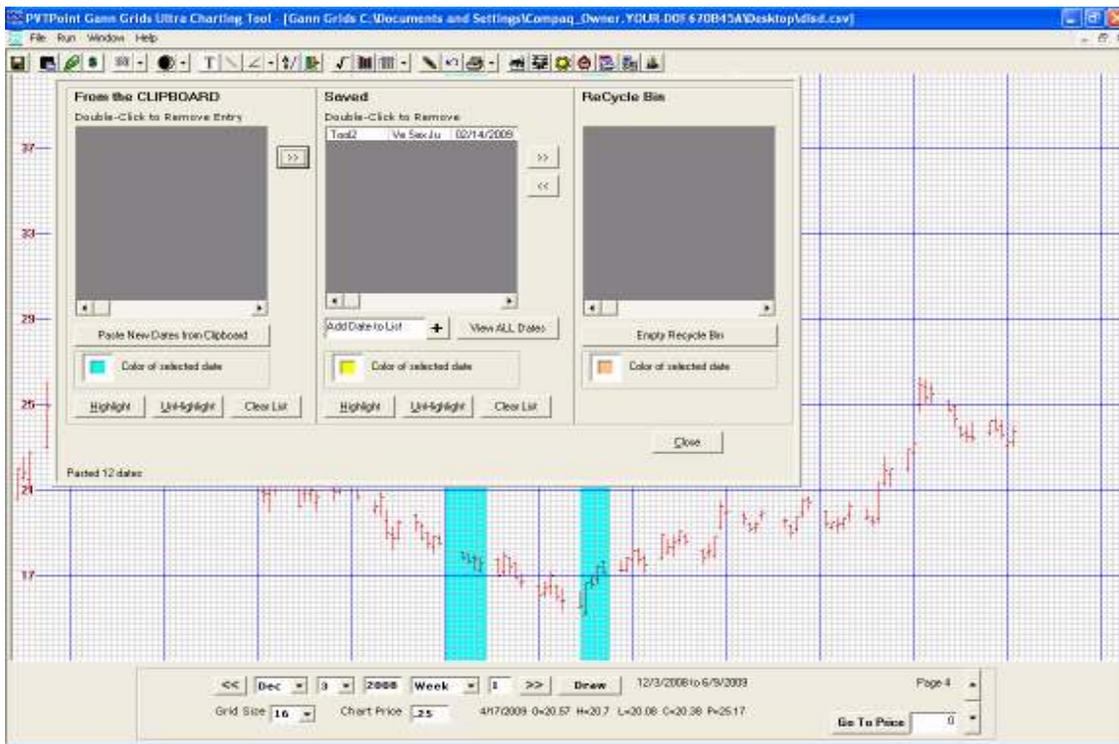


Then press “ok”



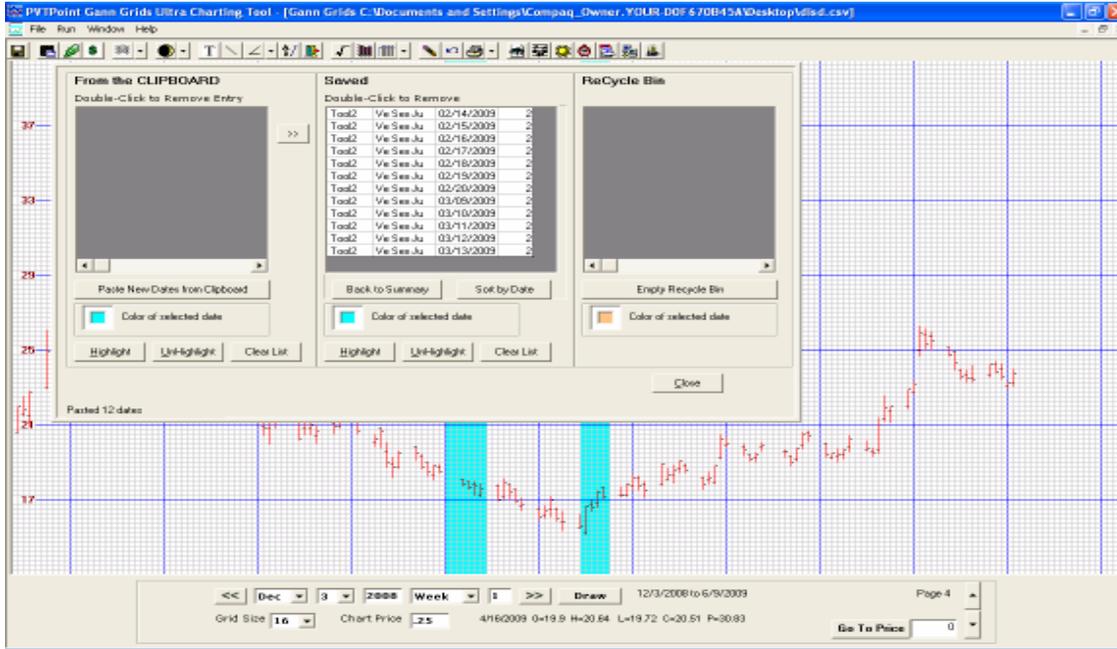
Once the color has been chosen click on the “highlight” button at the bottom of the application. This will send the dates and color directly to the chart for an easy view.

After the user is satisfied with the color and dates next click on the double arrow along the top right of the first sections box. This will add the data to the second section for further analysis.

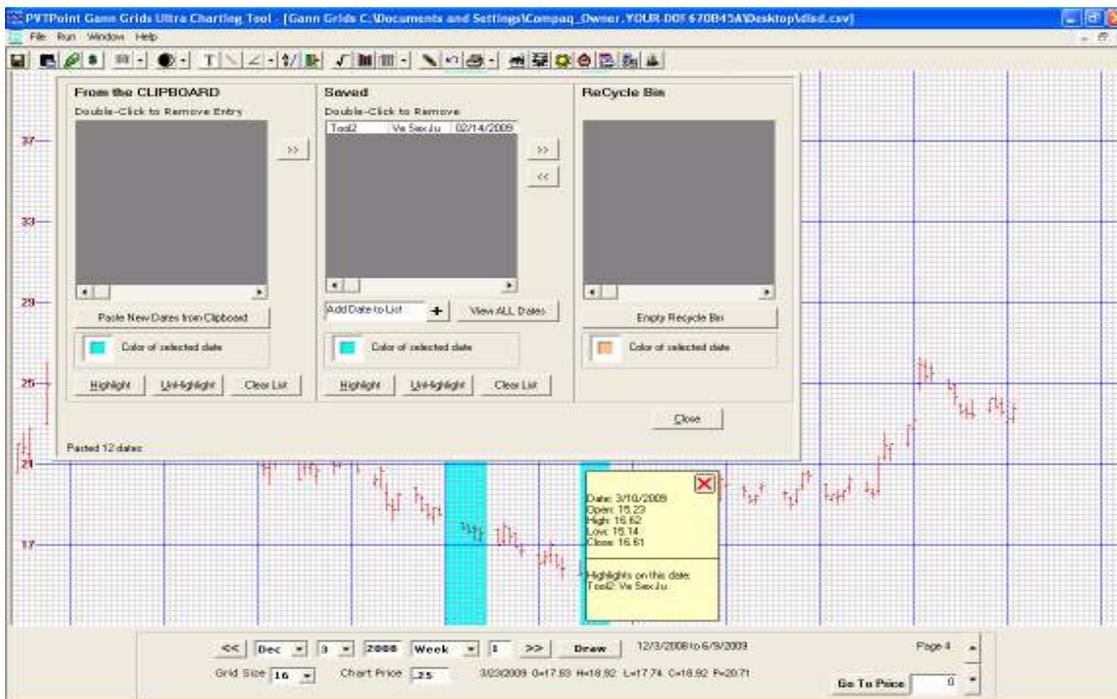


In this box the user can also change the color, unhighlight or clear the list.

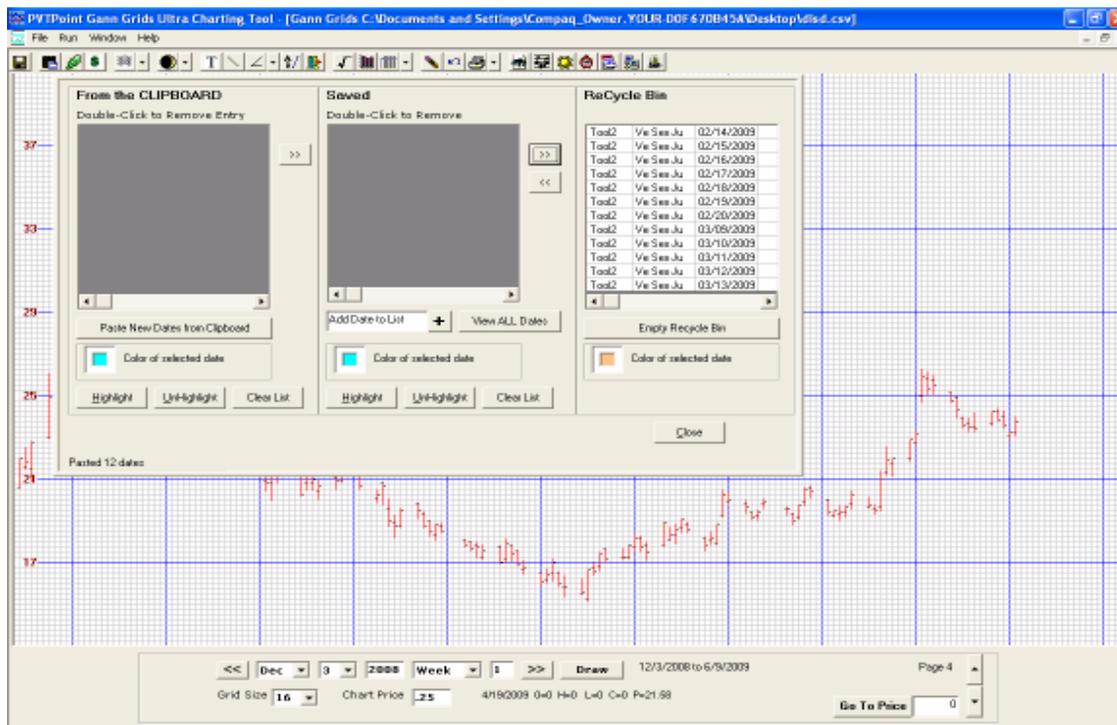
This section also condenses the astro tools data to just the tool number, aspect and start date for that tools research. This is useful when using several astro tool applications at the same time. It makes it easier to keep track of the data. By clicking on a set of dates from this second box the color chosen for that application will appear in the colored box at the bottom of this section. Also by clicking on a date set the user can view the entire date series by clicking on “view all dates” button.



Once the data has been added to this section the dates and tool description can also be viewed by right clicking your mouse directly over a colored bar chart



The last section of this application is the recycle bin. The user can by clicking the double arrows facing the third section send the selected data set to the recycle bin. It can be brought back to the center box by clicking on the opposite direction double arrows.



Gann Grids Ultra also has the ability to copy and paste any set of dates to the highlight section from almost all outside source. This feature will allow the user to save and highlight the ones wanted directly to the chart! ...This feature is for maintaining and testing any outside astro, mathematical or other trading systems containing a series of formatted dates.

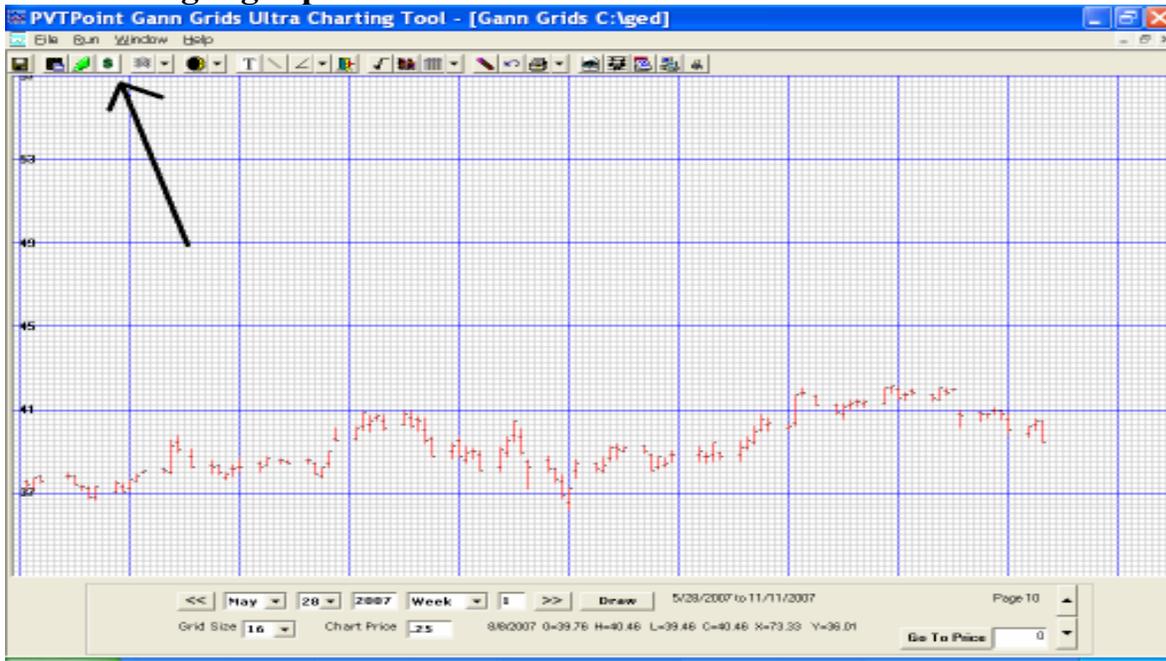
Here's how you do this:

1. Get your dates into any readable format, some examples are: text file in notepad, a WORD document, a spreadsheet, or any software that will allow you to copy to the clipboard.
2. Select your data, which will include the dates. Even if you have a WORD document, select entire paragraphs, pages, or if necessary, the entire document. If you have a text file in ASCII format, select the lines you need. As long as you can read it, and it looks like a date, Gann Grids Ultra can read it! **(Also make sure your Regional Settings are set to US settings).**
3. "COPY" your selection from an "EDIT" menu or press <CTRL>C.
4. Open the Gann Grids Ultra window.
5. If you want to highlight the dates without seeing them first, just click the second button on the toolbar, the clipboard icon. If you want to see what you have parsed before highlighting, click the third button on the toolbar, the green highlighter icon. Under the first list box, press "Paste New Dates from Clipboard." From here you can remove, highlight and save dates.

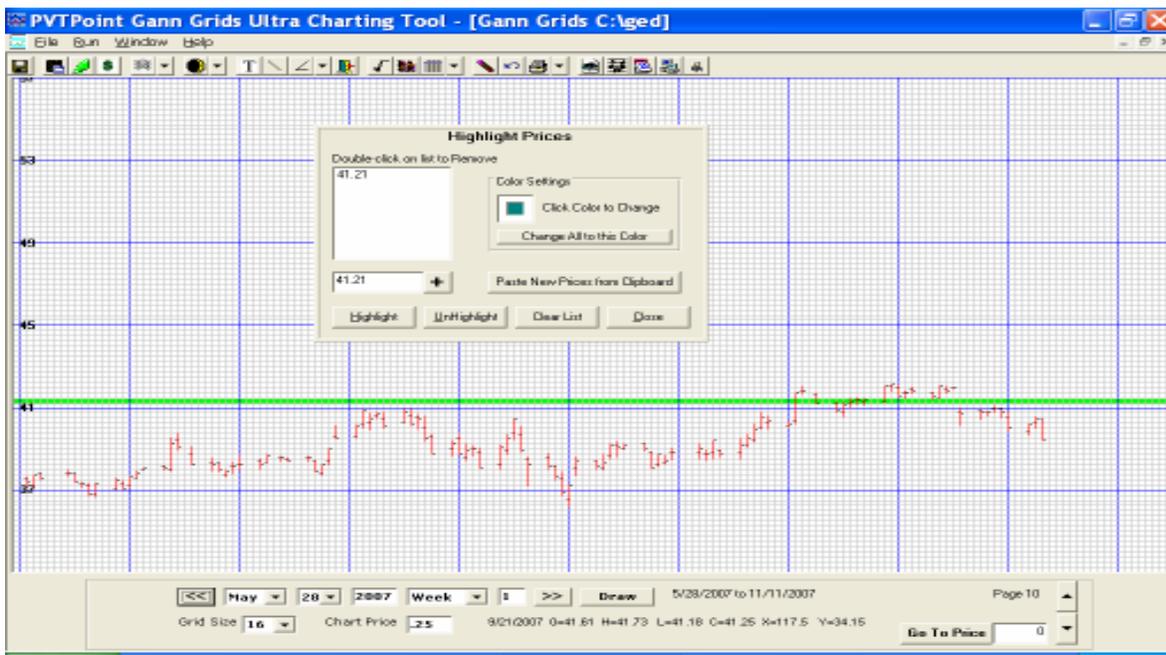
It is an easy "copy and paste" operation that works with many outside programs.

Note Gann Grids Ultra has a preset color for a single date highlighted by multiple sources. We use a gold shade, which cannot be changed, if a date is highlighted by more than one source. In turn, this shade of gold cannot be a user-defined color.

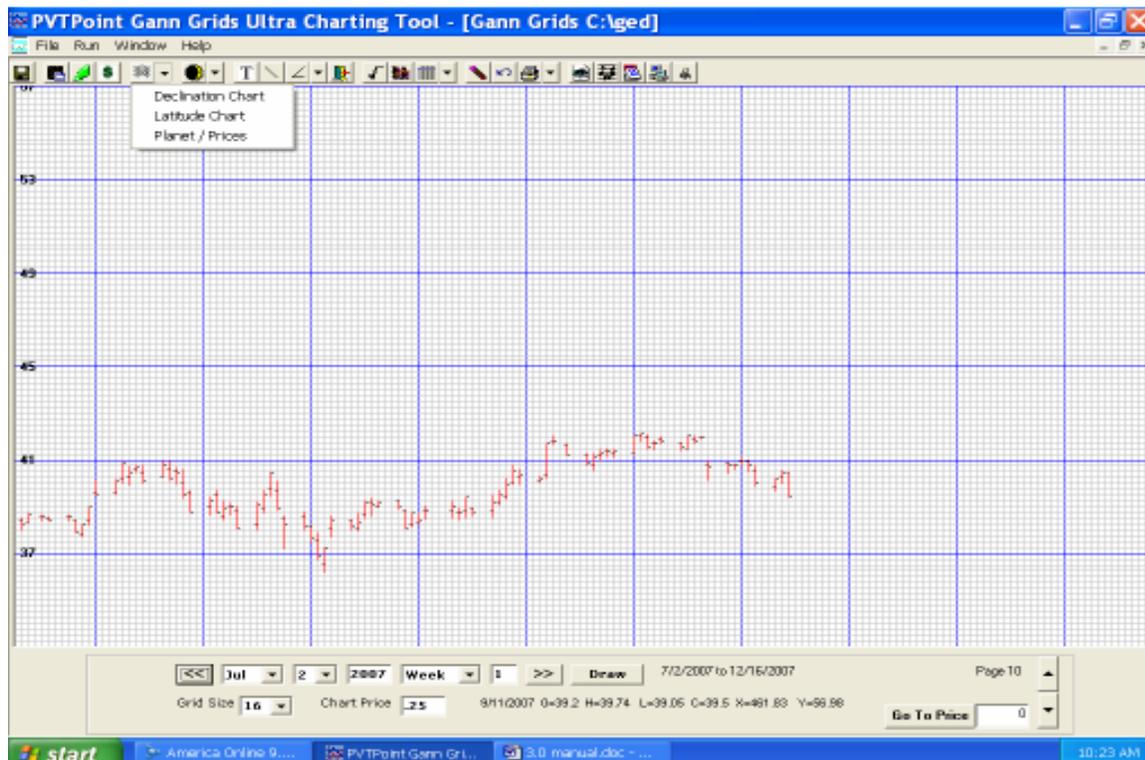
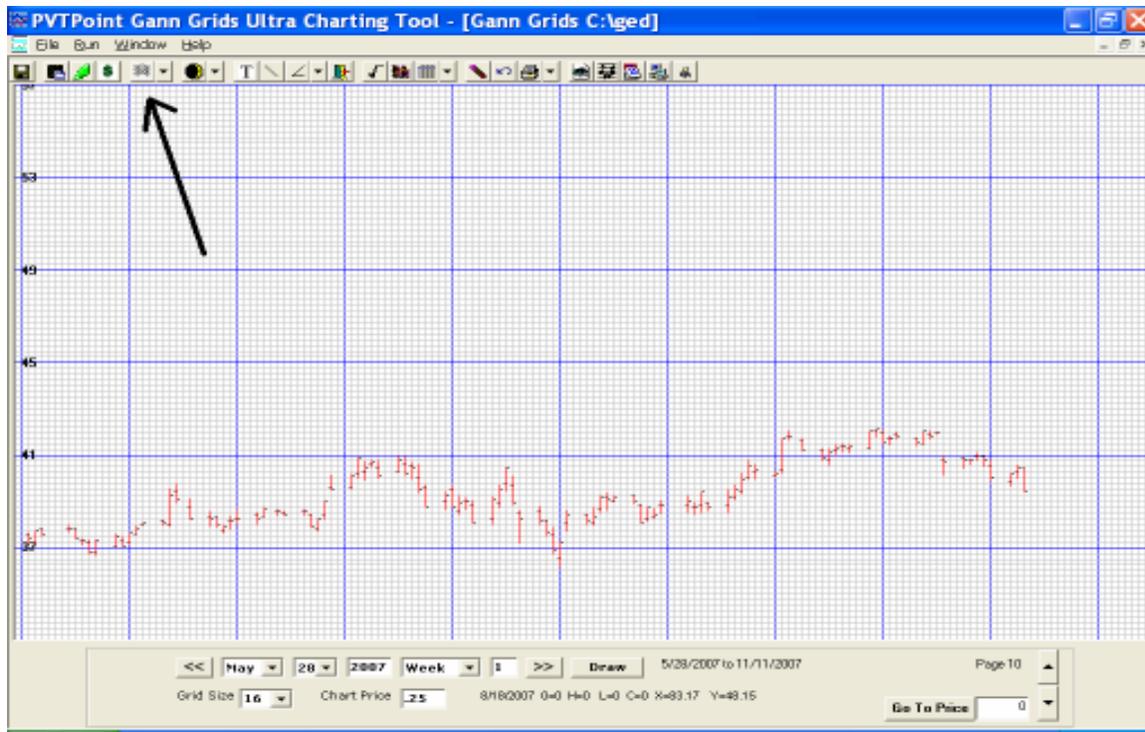
“NEW” Highlight price button



This button will add to the chart any user defined price diagonally across the chart. This tool is perfect for outside price points discovered holding support or resistance throughout the charts history. To highlight a price just add the price in the window and click “highlight”. To un-highlight just double click on the price in the window and click “un-highlight” ...



Plot new waves button



This button has a drop down window showing several features:

Declination chart.....

Latitude chart.....

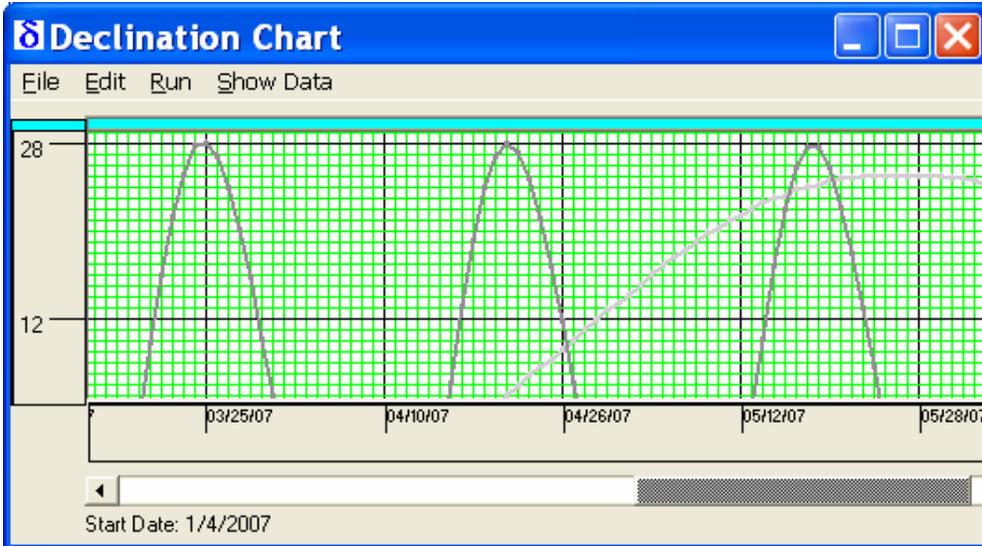
Planet /prices.....

Planetary Speed Lines

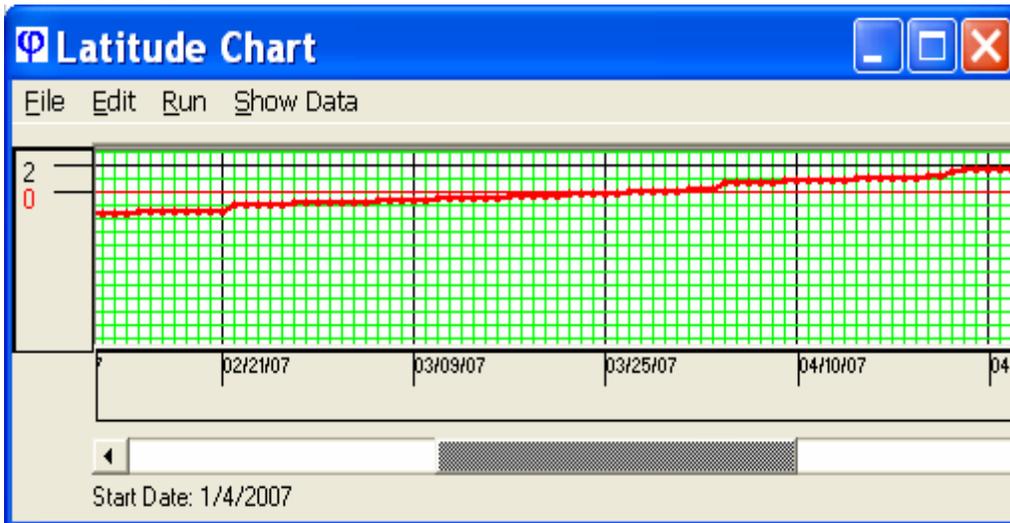
The 4 tools are used within the “Advanced” version only! And will be further explained in the “Advanced” section

The first 2 will show at a glance the sin wave along with dates of any planets latitude and declination crest. Many trend change dates were found to be somewhat consistent around them.

Declination chart

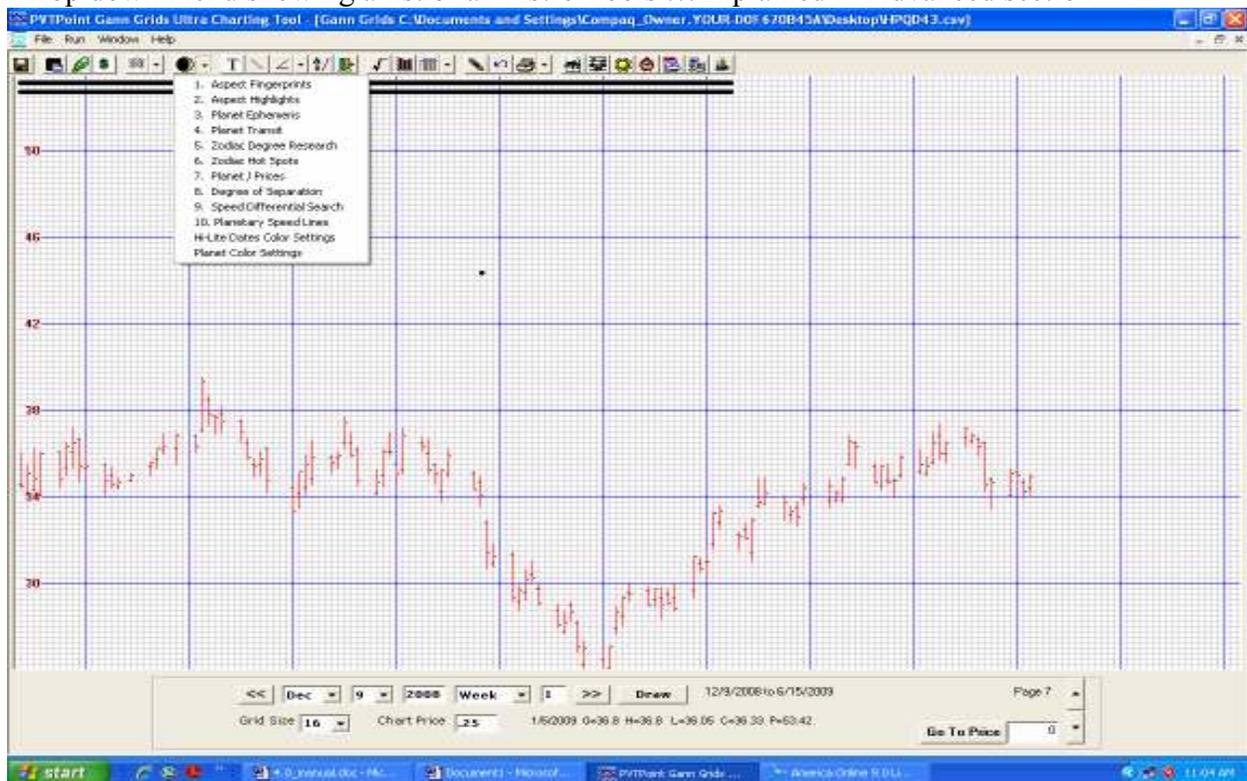


Latitude chart



Astro Tools Menu button

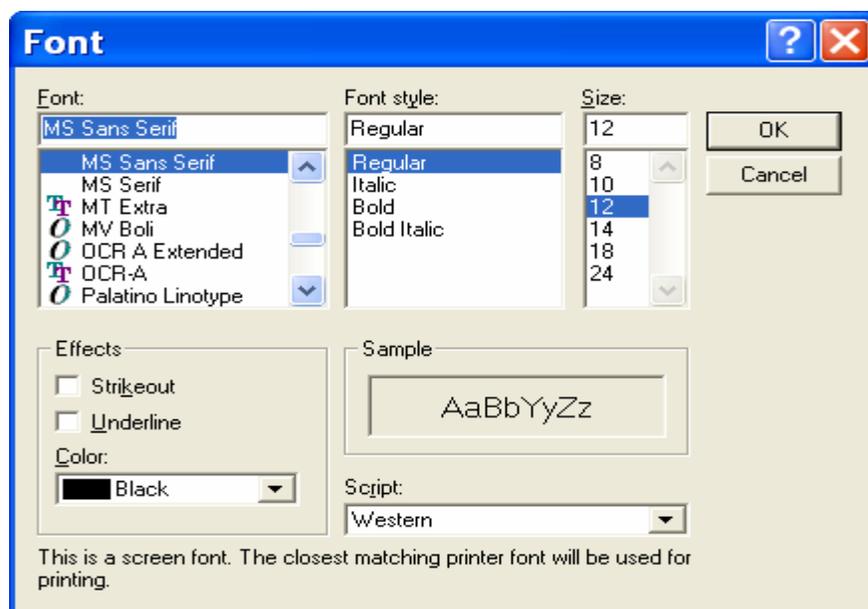
Drop down menu showing a list of all Astro Tools ... Explained in Advanced section



Text button

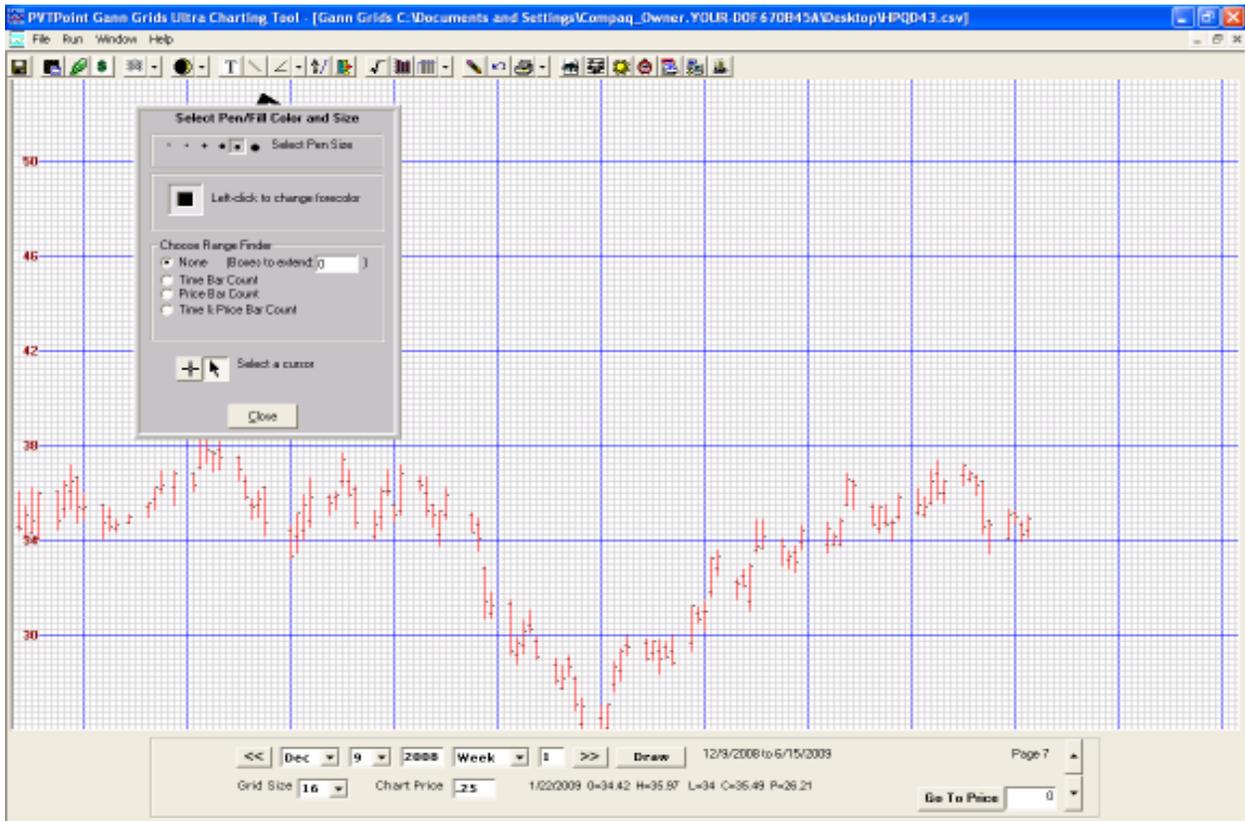
Place your text anywhere on the chart and select a font, size and color. A small gray box will appear on the screen. You can click anywhere on the grid to move the text around. Once you press the “**Enter**” key, you commit to the location.

Important... You must hit the “Enter” key to come out of Text Mode or lines will be drawn where text should be.



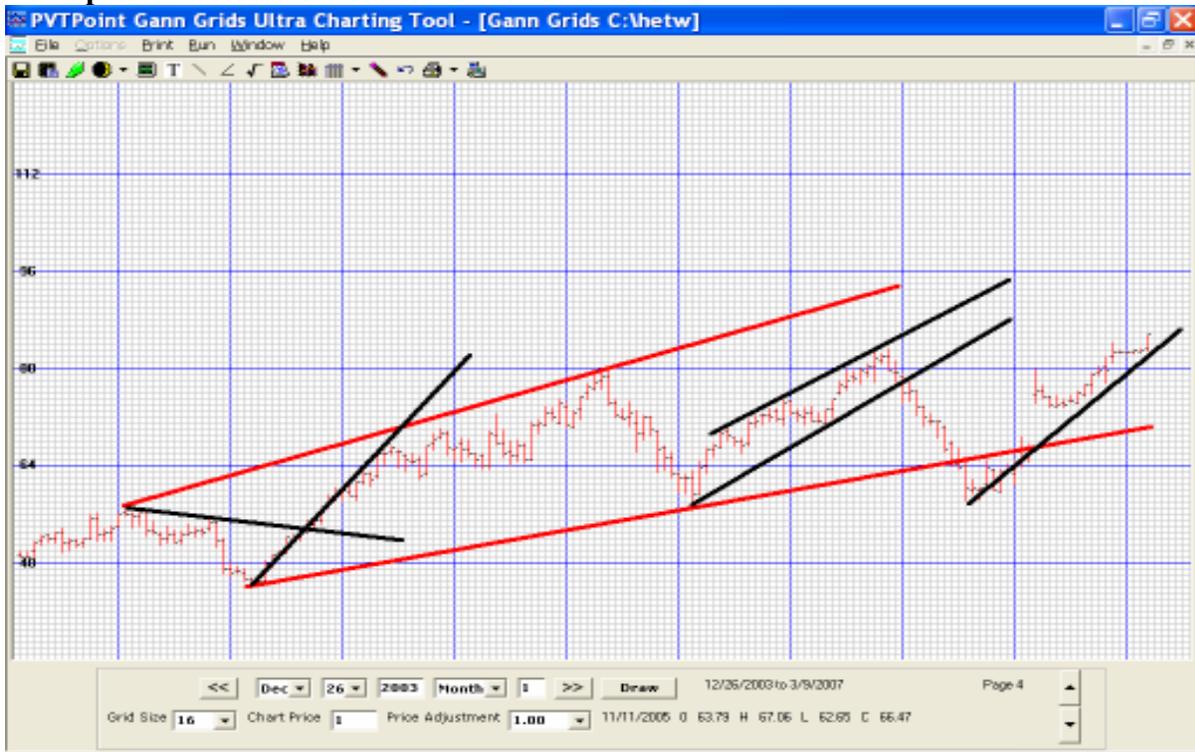
Draw Lines button

A small panel will appear in a drop down menu asking you to choose the type of line function you would like to use. Simply click on the one you want. This drop down box is in the form of a front slash / and is located next to the "Text" tool.



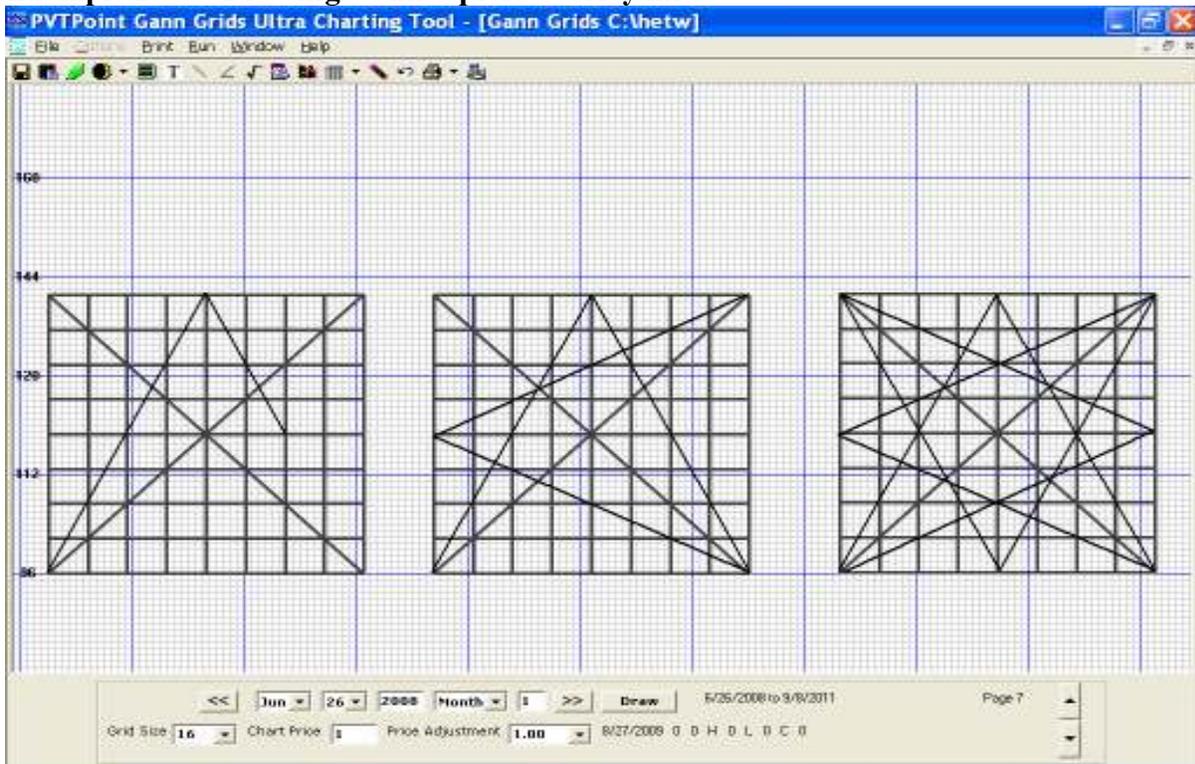
“NONE”...This feature will allow the user to draw trend lines along with other needed lines.

ExampleTrend lines



When using this tool as a trend line function it draws straight or angular lines to help determine the price direction and slope of an individual market.

Example 2..... Drawing Gann Square overlay lines



This function will also allow the user to construct the Gann price and time angles within each overlay one line at a time. Since all the lines are not needed all the time I left it up to the user to add them as needed. They can be constructed as shown above.

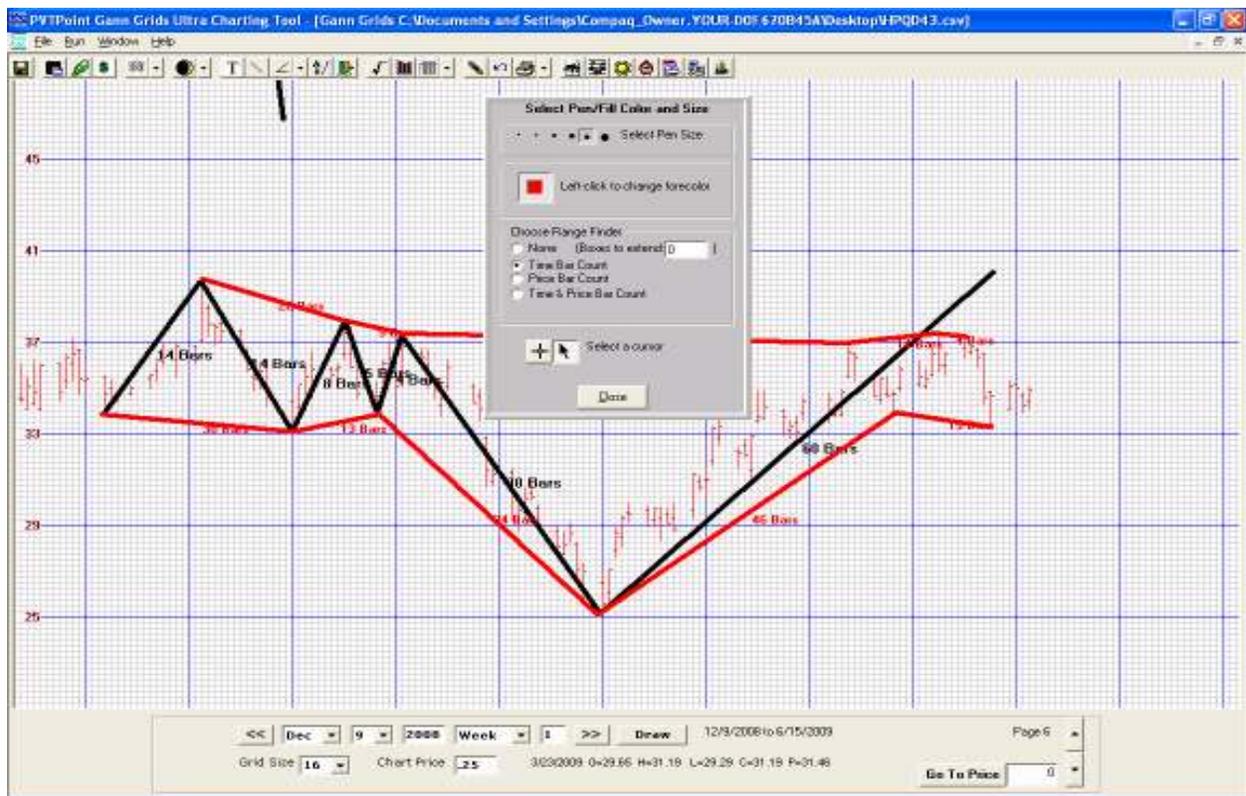
However A special Gann Star toggle has been added to the squares overlay tool to draw the entire star all at once for the user's convenience.

Color... You can also select the pen width and color for each tool within the selection box.

How to draw lines... Each line is drawn with a simple Click and drag format. Start a line by placing your pointer over the spot you want to start then click and hold your left mouse button, then drag to the desired location and Release when complete,

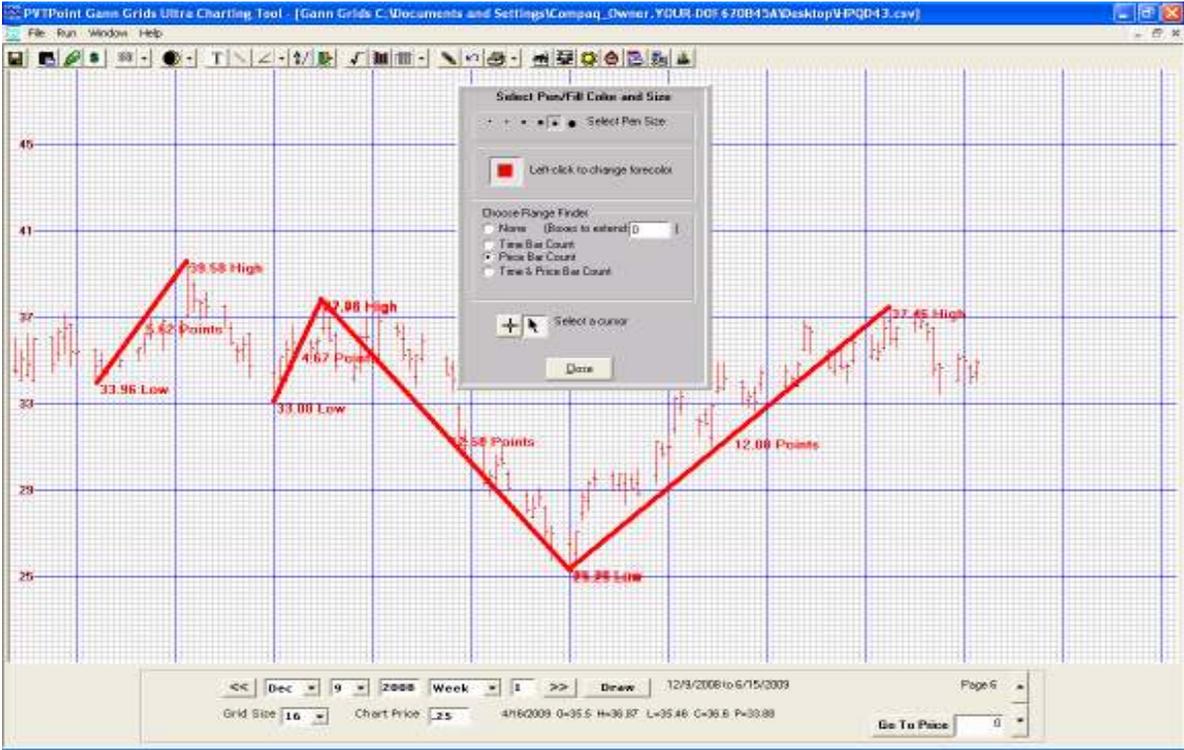
To exit draw mode... Click “Done” on the panel to come out of draw mode.

Time bar Count..... This draw tool option allows the user to **Click and drag** a line in order to count the exact number of grids from a user defined starting point to a user defined ending point. This feature is exactly what WD Gann would do in order to calculate the average length of time from cycle to cycle.Tops to bottoms, Bottoms to tops, Bottoms to bottoms, and Tops to tops. These where the most famous cycle counts used by Gann.



Price bar Count. This drawing tool allows the user to calculate with the same drag and drop format as the previous draw tool but instead of calculating the number of bars from point A to point B this draw tool calculates the price range between two points. You can calculate the difference in price from a high to a low, low to a high and others. Gann used this type of

research to see if he could find similarities in price fluctuations from various markets before tops and bottoms were confirmed.



Time and price bar count

This button allows the user to draw a line while at the same time view how many boxes are being crossed vertically or horizontally while it's being drawn. This is for drawing price and time squares along with other unique outside applications.



Change Cursor, Color, Line length, and Line Thickness in draw mode

This draw drop down box also allows the user to change the cursor, line length, thickness and color to be drawn and viewed on the chart with a simple click of the mouse. If you want to view the draw line extended into the future just put in the provided location marked with a “0” the number of boxes you wish the line to extend and left click your mouse to the starting point and drag to the ending point. This line will then extend the number of boxes into the future. This function also works with the angle tool discussed later on.

AB Range tool

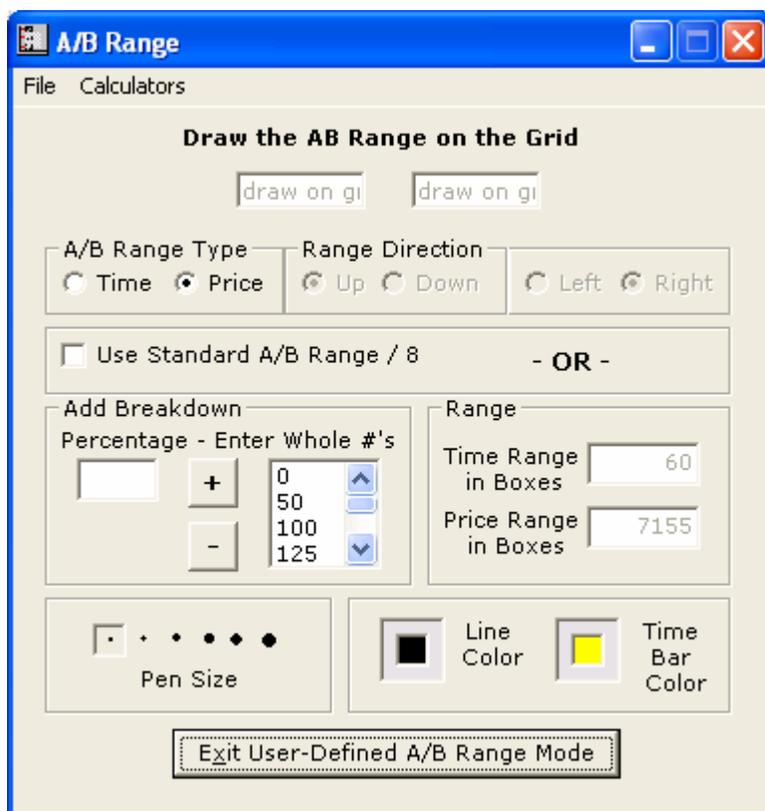
**A B Range Tool is no longer located within the draw tool’s drop down box
It has now been added as a “new” drop down application on the 5.0 tool bar.
The AB range tool also features several new applications within this upgrade.**



This draw tool now allows the user to research the theory behind Gann’s range divisions of 8, Elliot’s divisions of Fibonacci numbers and golden mean calculations one at a time or all at once.

According to Gann and RN Elliot the divisions of the price range were extremely important points, places and prices to watch for support and resistance levels. Gann found the 3/8, 1/2, and 5/8 divisions of the range should be considered the most important first then the rest. RN Elliot found the Golden mean numbers of .382, .50, and .618 to also be important. However, .382 is very close to the 3/8 or .375, .50 or 1/2, and .618 or Gann’s 5/8 or .625 thus reconfirming Gann’s divisions of 8.

With this new and improved AB Range tool the user can now set up totally separate price and time division charts one at a time.



1. **File button**A. File button allows the user to Save the AB Range division list
 B. Restore user AB Range
 C. Restore default settings
2. **Calculator button**The calculator button gives the user the ability to do outside division research both in price and time
3. **AB Range toggle**AB Range toggle is used to separate the research into price or time division research.

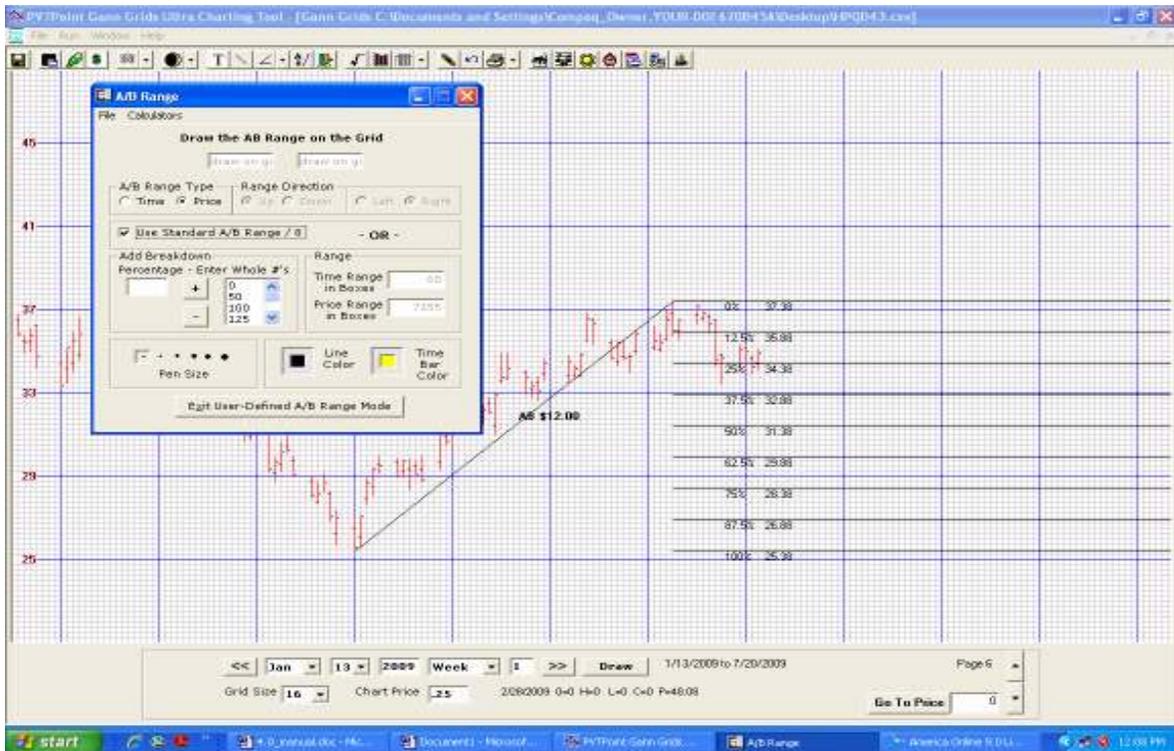
Price Divisions (divides point A and point B's price range into desired dissections)



Time Divisions (divides point A and point B's time range into desired dissections)

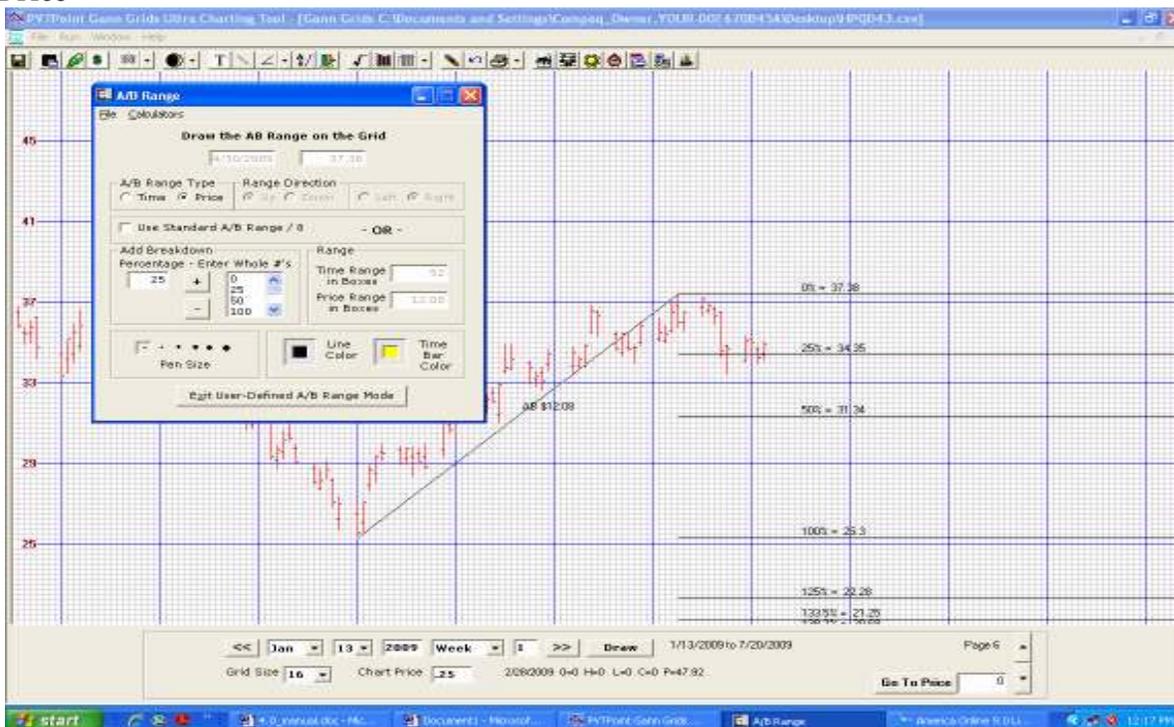


4. Use **standard AB Range divisions toggle** This button is used to automatically divide the price research into divisions of 8.

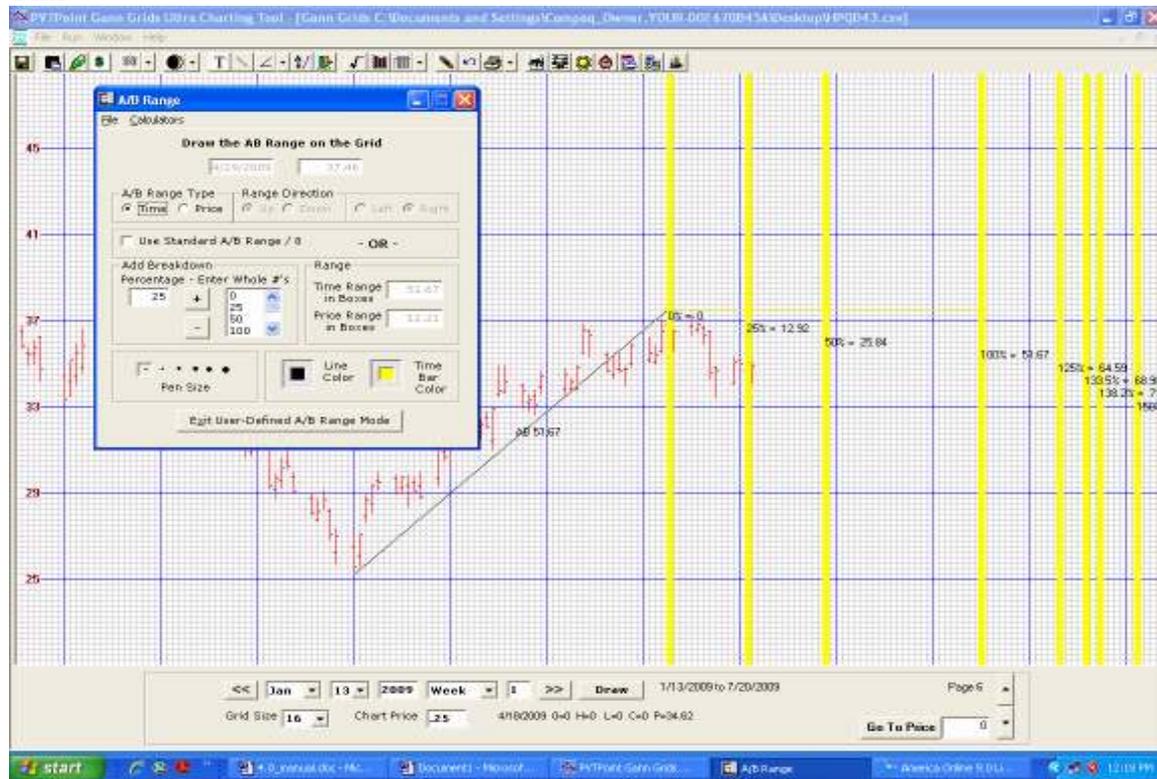


5. Add break down percentage button.....This button allows the user to add as many price or time divisions as he or she would one division point at a time. A special list will appear in the middle of the application box showing the list. The divisions are viewed all at once on the chart once the click and drag line is completed. This application is great for not just Gann and Elliot time and price research but many other support and resistance techniques as well.

Price



Time

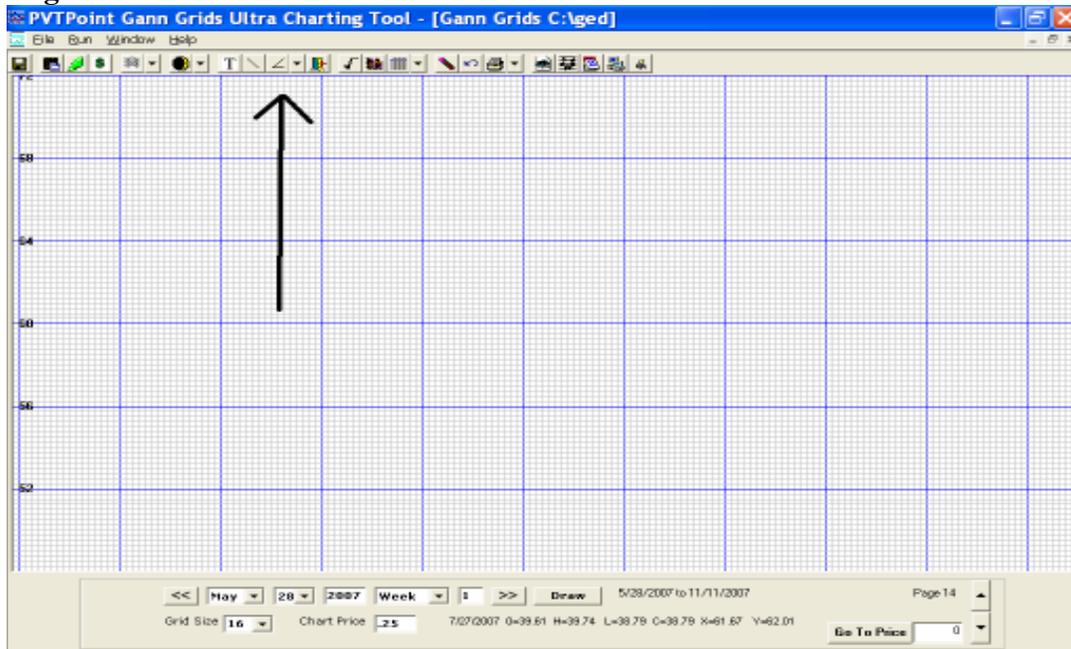


Or both



This tool also gives the user the ability to change the Pen size, Line color and Time bar color with a simple click of the mouse.

Angle Tool...



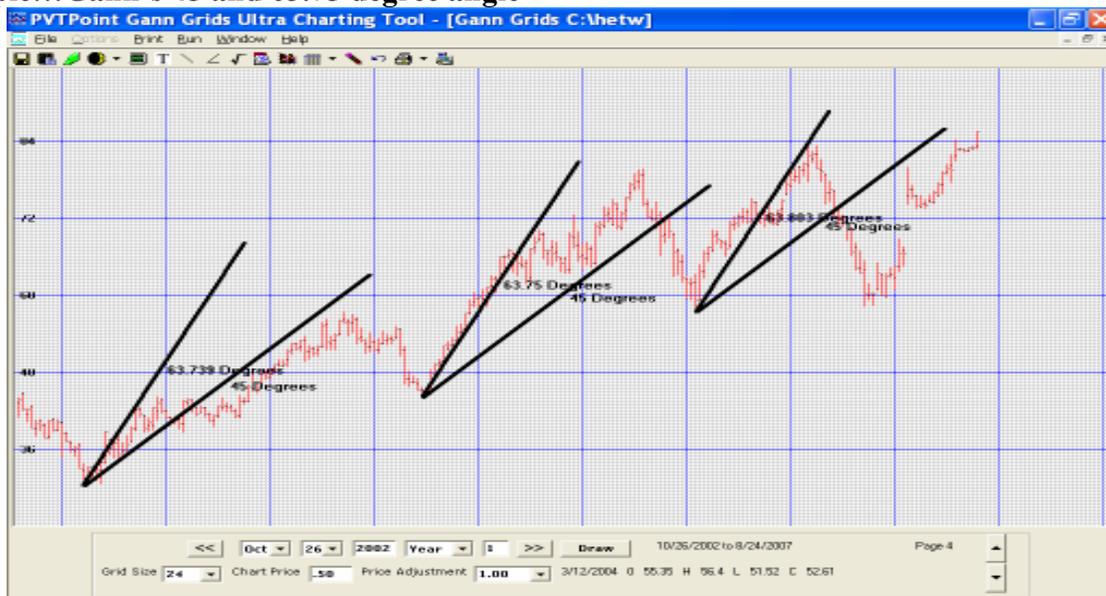
This tool displays a changing angle tag in a yellow pop up box as you maneuver your line in a left click and drag motion. Once you release the mouse button, the tag will disappear and the size of the angle will be placed next to the line.



WD Gann spoke a great deal about special angles being a main tool for trend analysis and forecasting and due to this, this tool was built. What it does is allows its user to draw not just each and every Gann angle from every top, bottom, or zero point position but ALL angles as well from any point on the chart in a 90* to 90* format. This is done with the same simple click and drag feature as the draw tool. Due to Gann's angle research being at the heart of most researchers this draw tool was made as versatile as possible.

An Important Note....Over time I have personally found many markets use other angles holding trend rather than just the unique ones mentioned by Gann. At times these **other** angles held a much better forecast than just the ones given in his books and courses. Due to this, this tool works in two ways, first to research all of the Gann angles and crossover points starting from tops, bottoms and zero and second to search for all other unique angles that may exist between tops and bottoms or bottoms and tops within a specific market price and time structure.

Example... Gann's 45 and 63.75 degree angle



Multiple Gann angles from bottoms and zero point along with others



A unique angle of 68.2-9 degrees shown to forecast highs and lows on GE



Drop down angle tool box

When using Angle tool drop down box, 3 applications will appear:

- **Normal** - will draw the angle by the simple drop and drag format as the line will start and end in exact relation to the users start and end point.
- **Extended** will draw the angle starting at the user defined start point but will extend the user set number of boxes into the future. Just add in the special box the numbers of boxes you would like the lines to travel.
- **New! User Defined Angles...** This application allows the user to add as many angles as he or she chooses and draws them all at once! This feature will draw any user defined angles from any starting point and in any direction. Just adding the desired angle to the angle dialog box, the direction you want the angles to travel, up, down, left or to the right and the number of boxes you want them to extend.
- Then left click your mouse when pointer is in place.



Normal Function- draws the angle in a simple drop and drag format. The line will start and end in exact relation to the users start and end point.



Extended Function- draws an angle starting from a user defined start point and will extend the user set number of boxes into the future. Just add in the special dialog box the numbers of boxes you wish the lines to travel. Once you let go of the mouse the line will continue at the desired angle until it reaches the set number of boxes.



User Defined Function- will allow the user to add the angle of the user's choice rather than using the drop and drag feature one at a time. This feature will draw any user defined angle from any starting point and in any direction. Just add the desired angles to the angle box, the direction you want them to travel, up, down, left or to the right and the number of boxes you wish them to extend. Right click on a date and price and all angles will be drawn all at once.

New 5.0 formats!

User Defined Angles

Angle

Extend Boxes

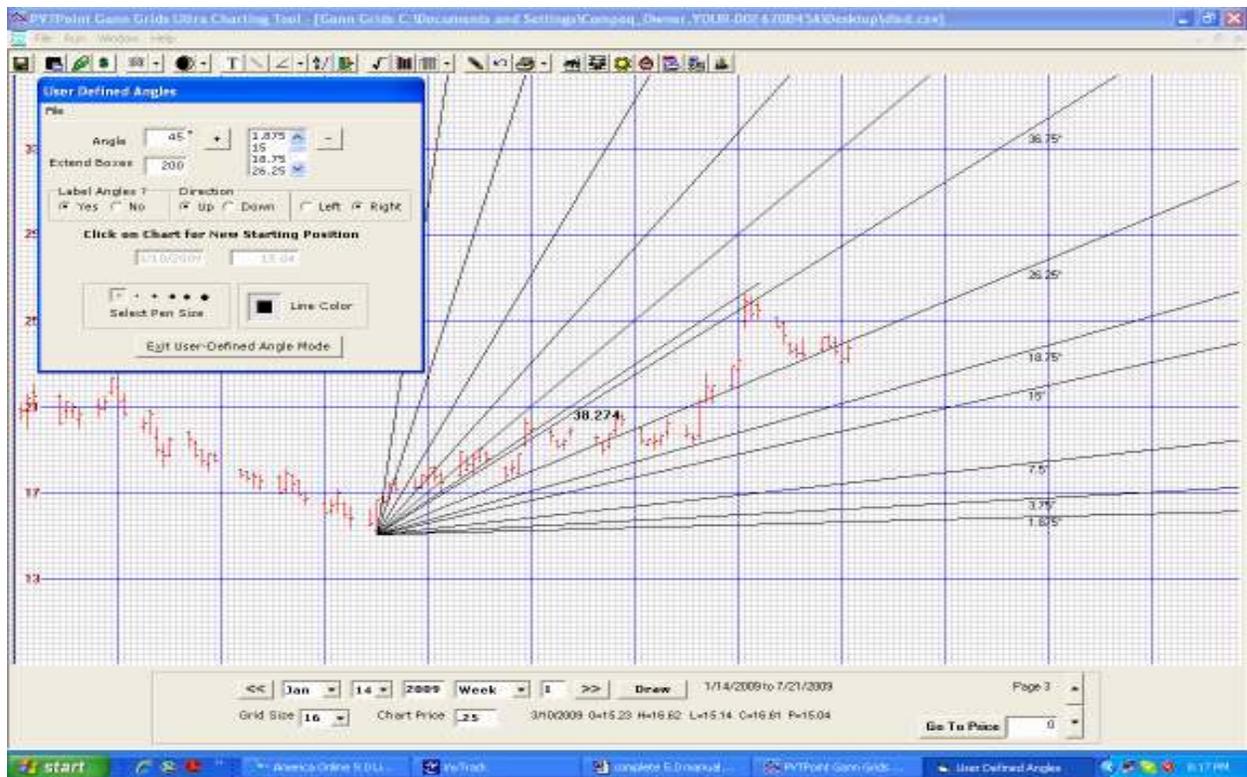
Label Angles? Yes No Direction Up Down Left Right

Click on Chart for New Starting Position

Select Pen Size

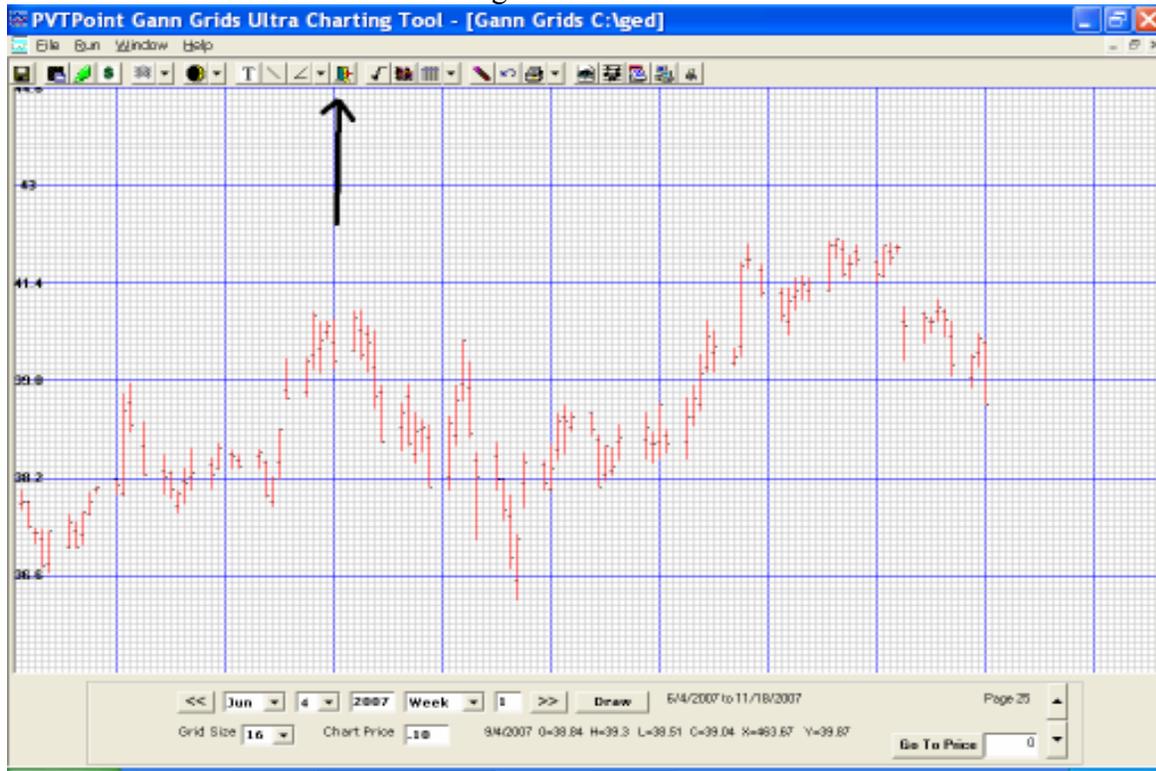
Line Color

Just drop your pointer over the date and price you want the angle to start and left click once!



Exit draw and angle tool button

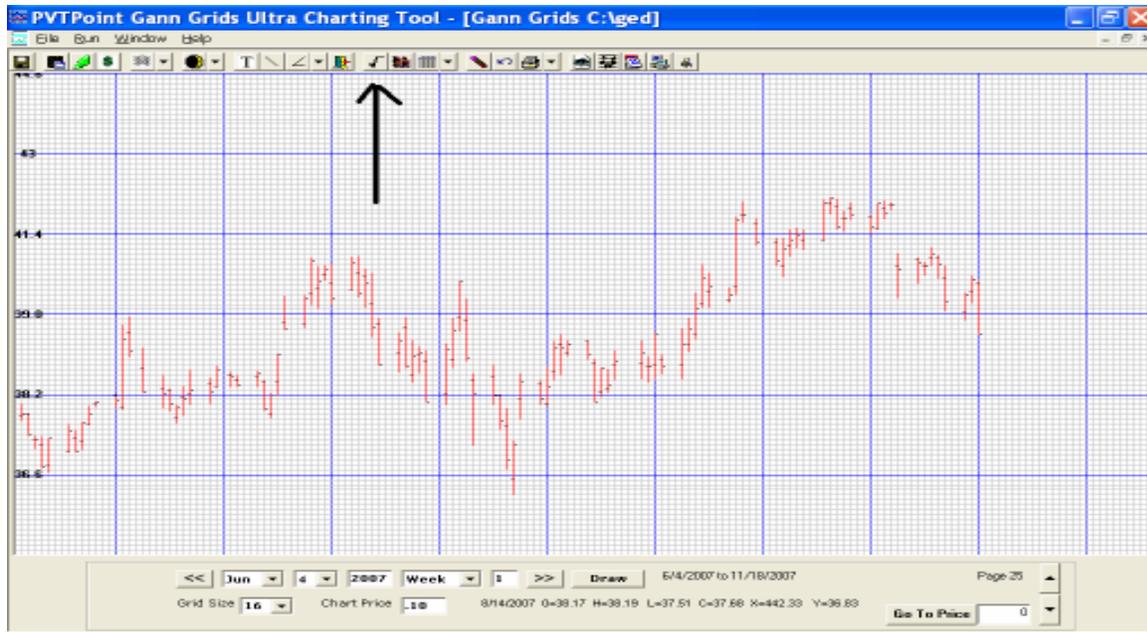
Use this button to exit all draw and angle tools.



Also added to the 4.0 and 5.0 version is the ability to change the price scale setting without changing the angles on the chart. In older versions of GGU just the ability to view all angles placed on the chart one price scale setting at a time was allowable. This “New” enhancement will now give the user the ability to change the price scale vibration one scale at a time searching for a better fit without needing to redraw all the angles on the new price scale. This feature also holds true for the “Gann Star”. In the older version if the price scale setting was changed the user needed to redraw all the angles all over again.

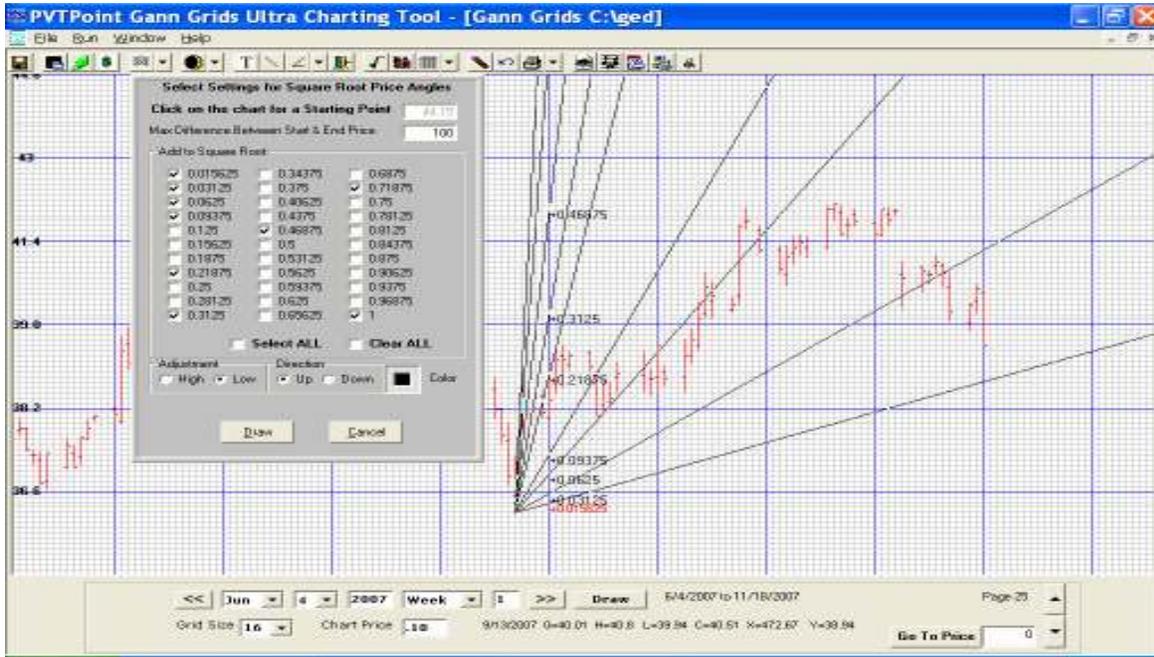
Square Root Angle Button

The square root angle tool draws angles in perspective to the horizontal axis. The user chooses the direction of the lines, color, pen width and divisions of lines to be drawn. You also control how far in the future you want them to travel by changing the number within the “max difference between start and end option”.



This tool works off Gann’s square of 9 spiral chart equation. This equation states that by taking a number of a high or low, getting its square root, adding a whole or fraction number to it, re-squaring it then drawing a line from point A (starting price) to point B (recalculated price) in the number of days found through the square root process you will get an important angle of support or resistance in price and time.

This research is extensively explained in my one on one lesson series, however several other outside books on Gann’s square also do a great job explaining this premise.



Example 1



Example 2a



Example 2b



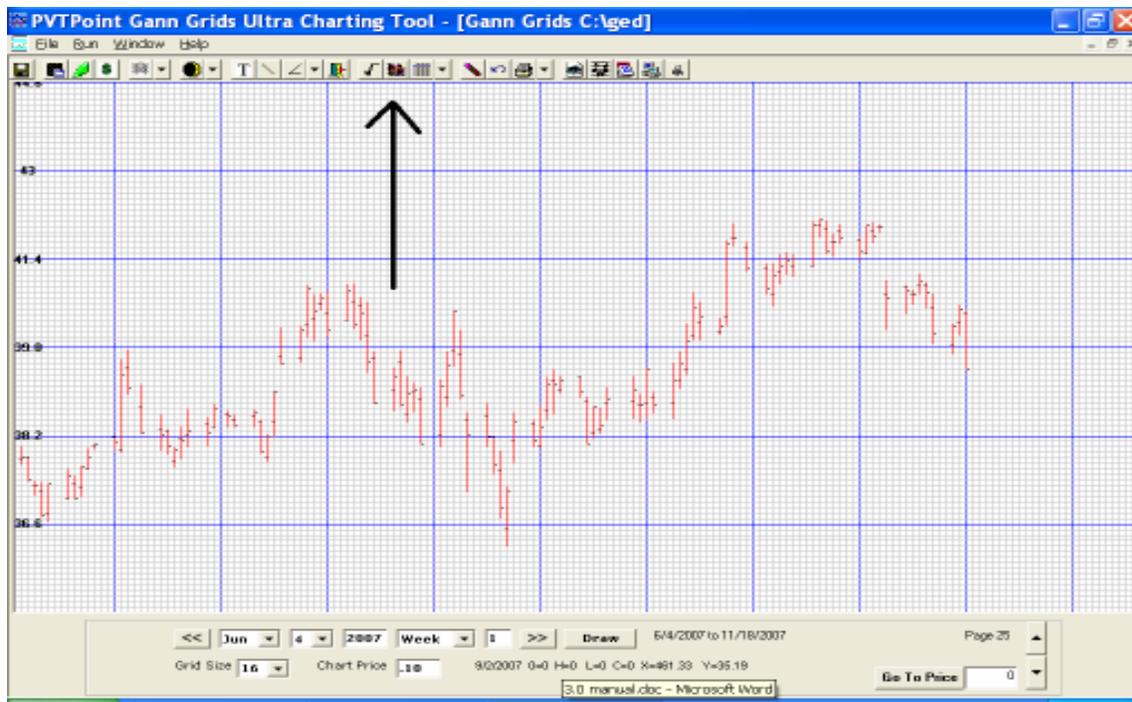
This tool was built to help test Gann's square root relationships to price and time points found within his master spiral calculator. Gann used a special spiral chart to count time and price increments (thus the name calculator) while at the same time noticing where the major angles crossed within it. These points were then converted to a line using a special square root

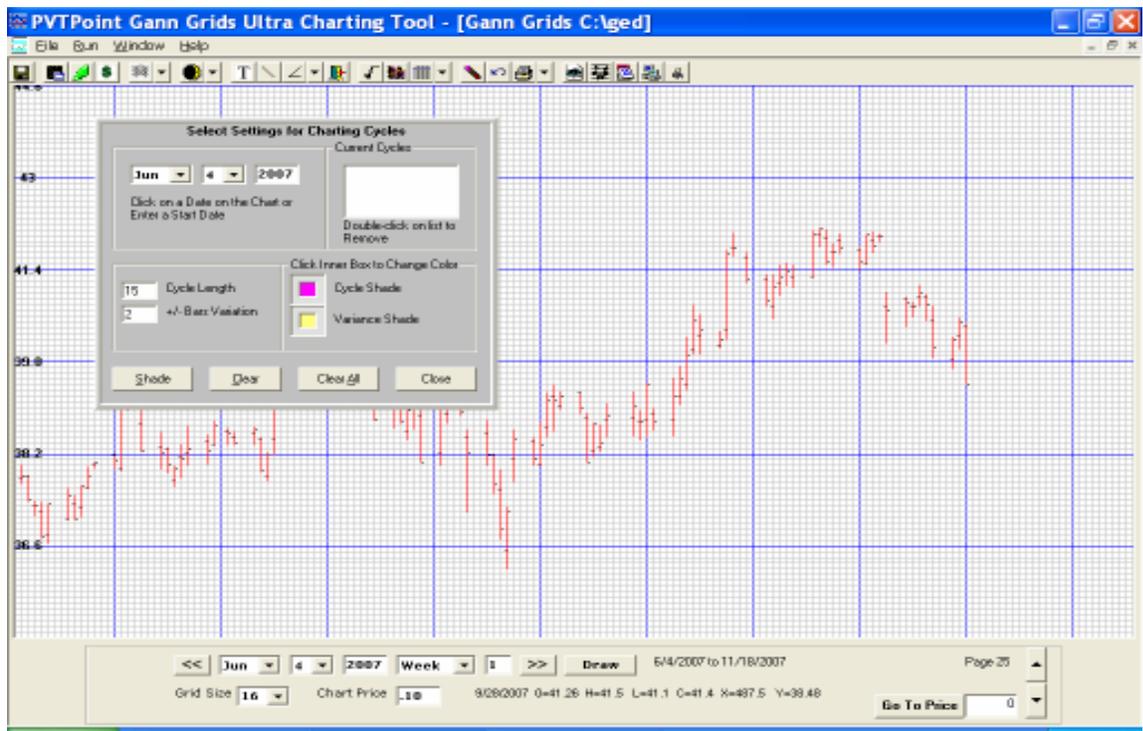
calculation. This calculated line would start at a predetermined high or low point and cross at a specific price on a specific date in the future then extended, thus formulating a Gann time and price angle. Once this line was stretched into the future many support and resistance points can be located which could not otherwise be found.

Time cycle research

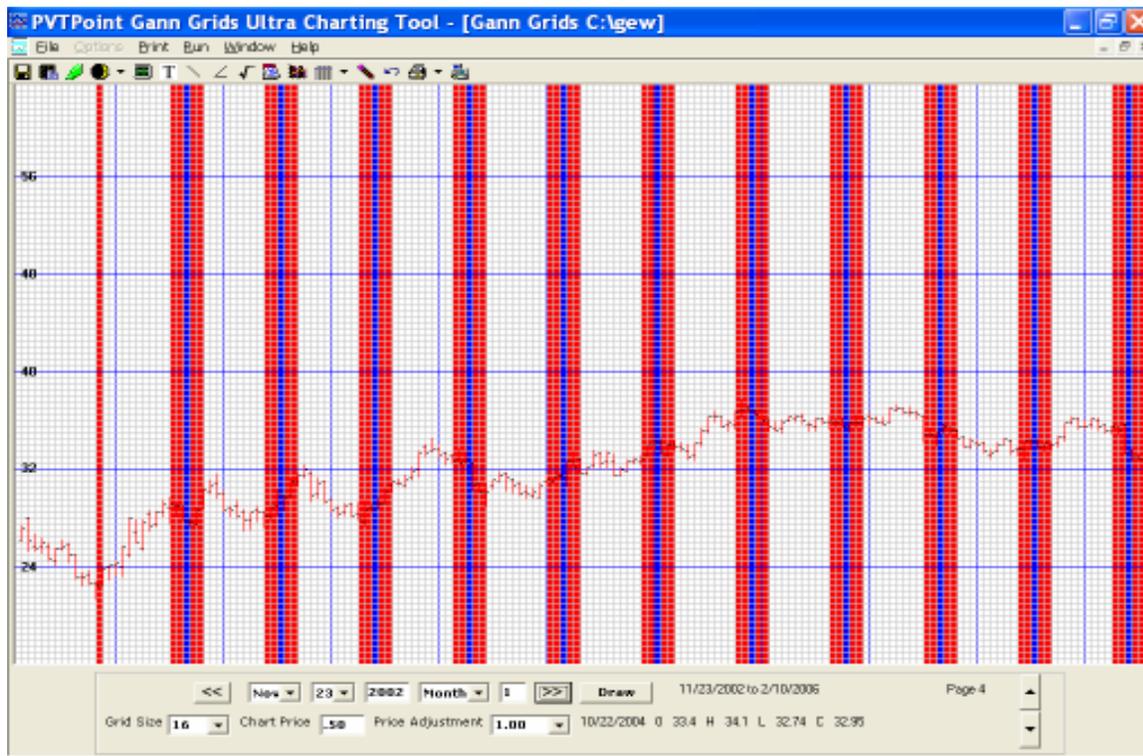
Cycle Research tool ... When this button is clicked a small panel will appear asking the user to manually enter a start date directly into its panel box or by just clicking on the chart itself, then select the number of bars in a cycle you wish to explore along with the number of variance to be used. Once done an exact main cycle will be drawn from the users starting point and forward into the future up to 5 years. The variance setting will also highlight a user defined number of boxes before and after the main cycle line.

The user can also select a color for both the cycle and variance setting by clicking on the colored boxes.





Example... Say the user wanted to plot a 14 week cycle in blue with a 2 bar variance in red which starts on 2/14/03. A red line will appear on 2/14/03 and a blue line will appear on the exact 14th line along with all future multiple bars of 14 with 2 red lines before and 2 red lines after each blue line.



Since I found there is no such thing as an exact 14, 29 or 36 week cycle or any other exact time Cycle length I developed this tool. This tool will allow the user to start at any date in the past and on any time scale setting such as daily, weekly or monthly and start a fixed numbered cycle from that point through the last date in your data file and progress up to 5 years into the future.

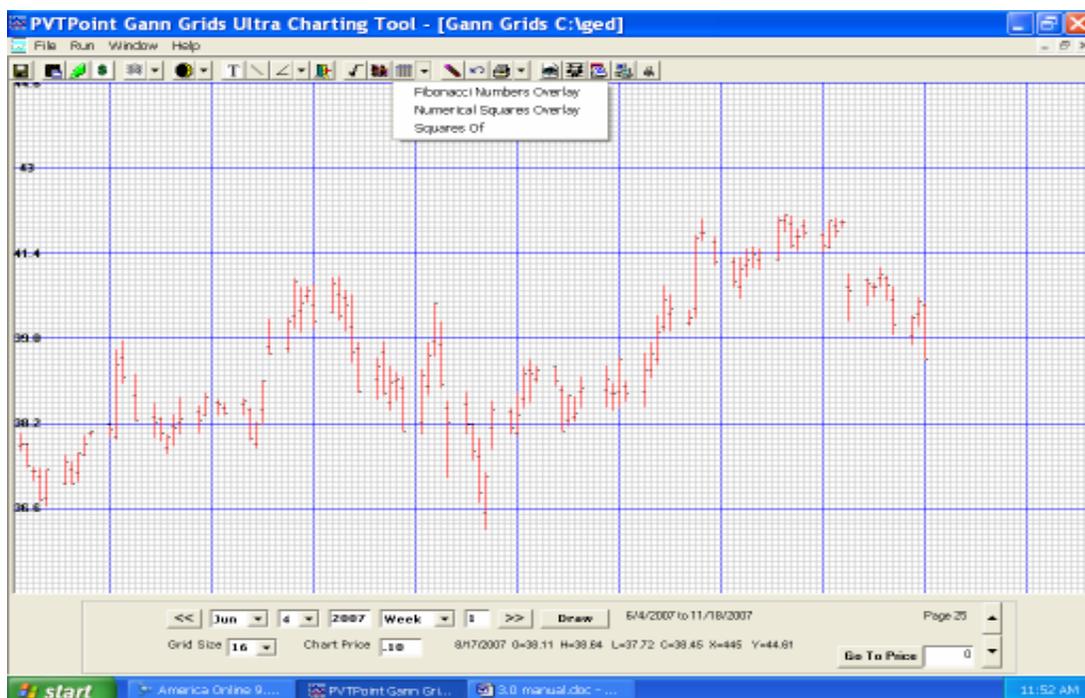
What this tool is used for is to experiment with different cycle lengths while at the same time adjusting the variance setting. The variance setting is a useful feature I had added to show a user defined area before and after the fixed number cycle. This way you could see if any cycle length is more consistent with a +/- variance as no cycle is exact.

This tool in the 2.0 version only allowed up to 3 research cycles per chart however the new 3.0 and beyond now allows the user to test as many cycles as he/she wishes...**It's virtually unlimited!**

Overlay button

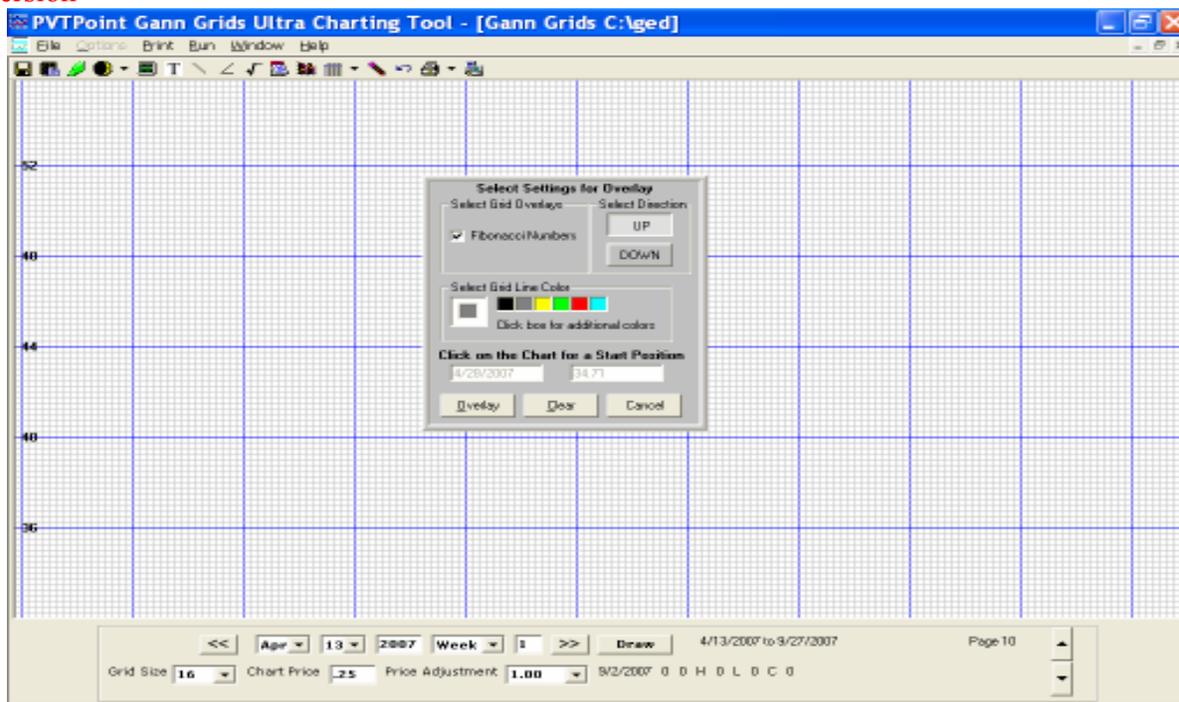
This button allows the user to choose from any one of 3 specialty overlays located in a drop down menu. You can choose from Fibonacci number overlay, Numerical squares, half square and quarter square overlay, or a fixed number square such as the square of 45, 90, 144 and others. **Its user defined!**



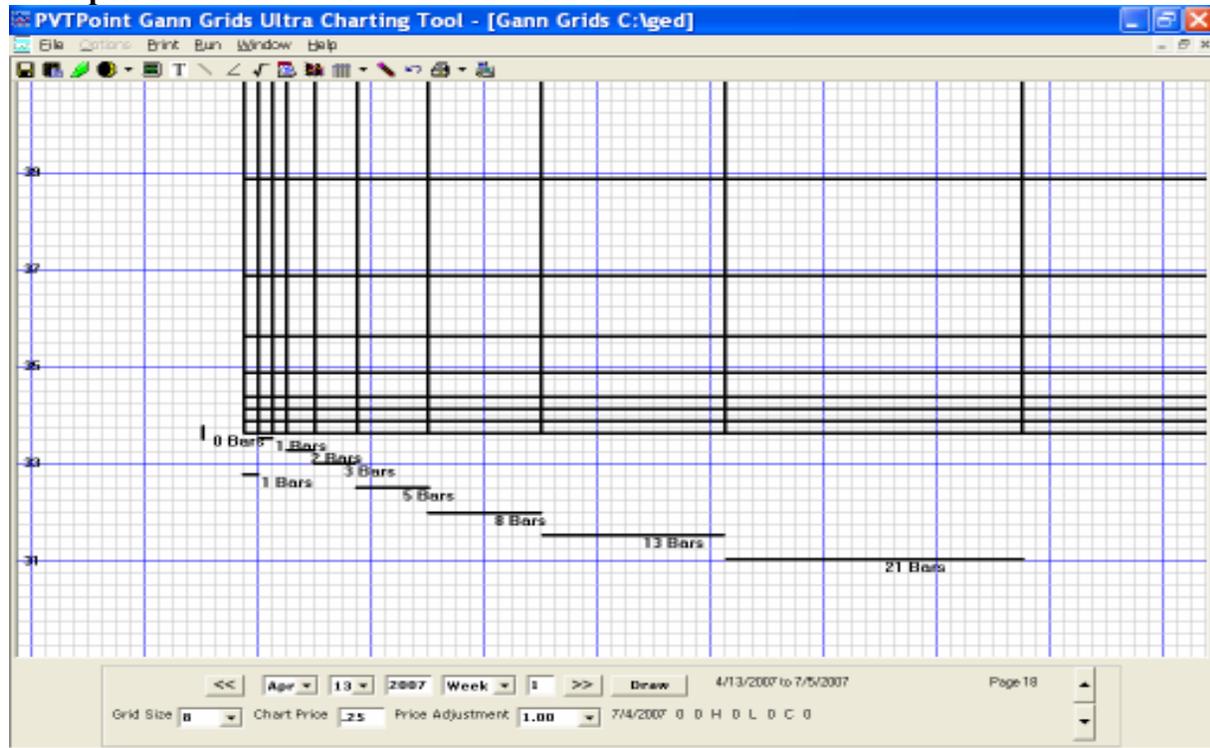


Fibonacci Overlay

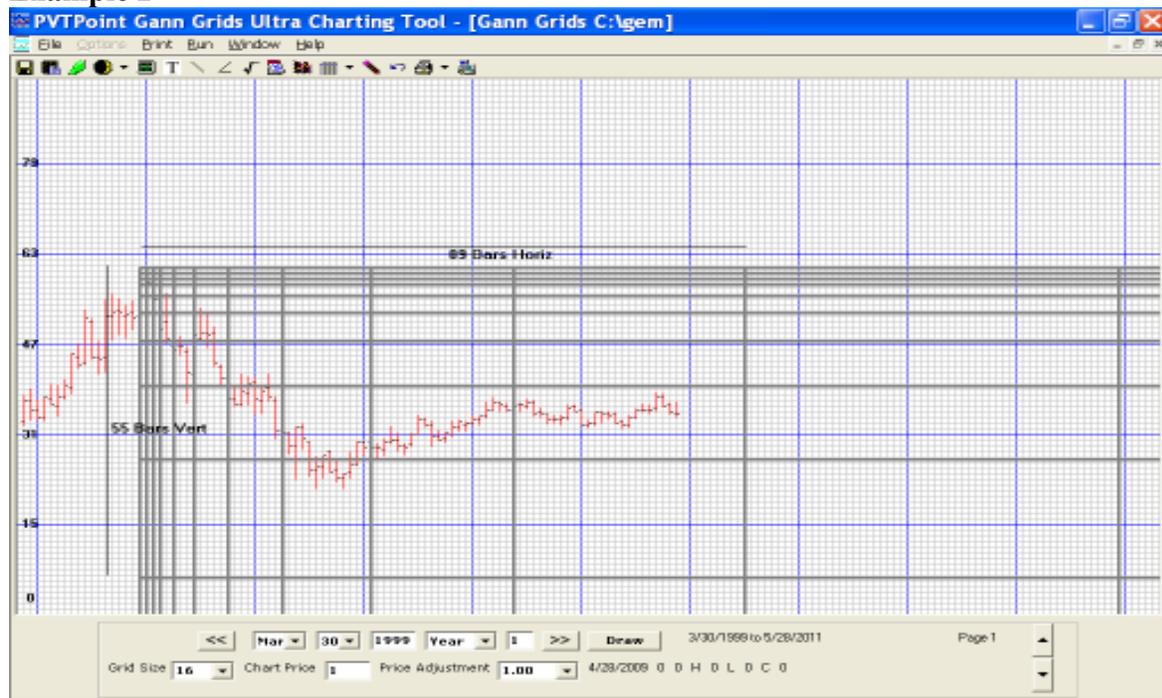
RN Elliot found the unique number sequence of 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377 ...etc...etc., all the way to infinity also known as the Fibonacci sequence to be not just consistent within his found time structure but were also consistent throughout nature herself. This tool was built to see, starting from major high and low dates just when these special time sequences are due. This tool also shows at the same time the price sections related to this special sequence as well. **New! Halves and Quarter lines options were also added to the new 5.0 version**



Example 1



Example 2



Numerical squares, half squares and quarter square overlay

Gann believed numerical squares could be used to find time and price balancing points that coincide with natural squares.

But what exactly are natural squares?

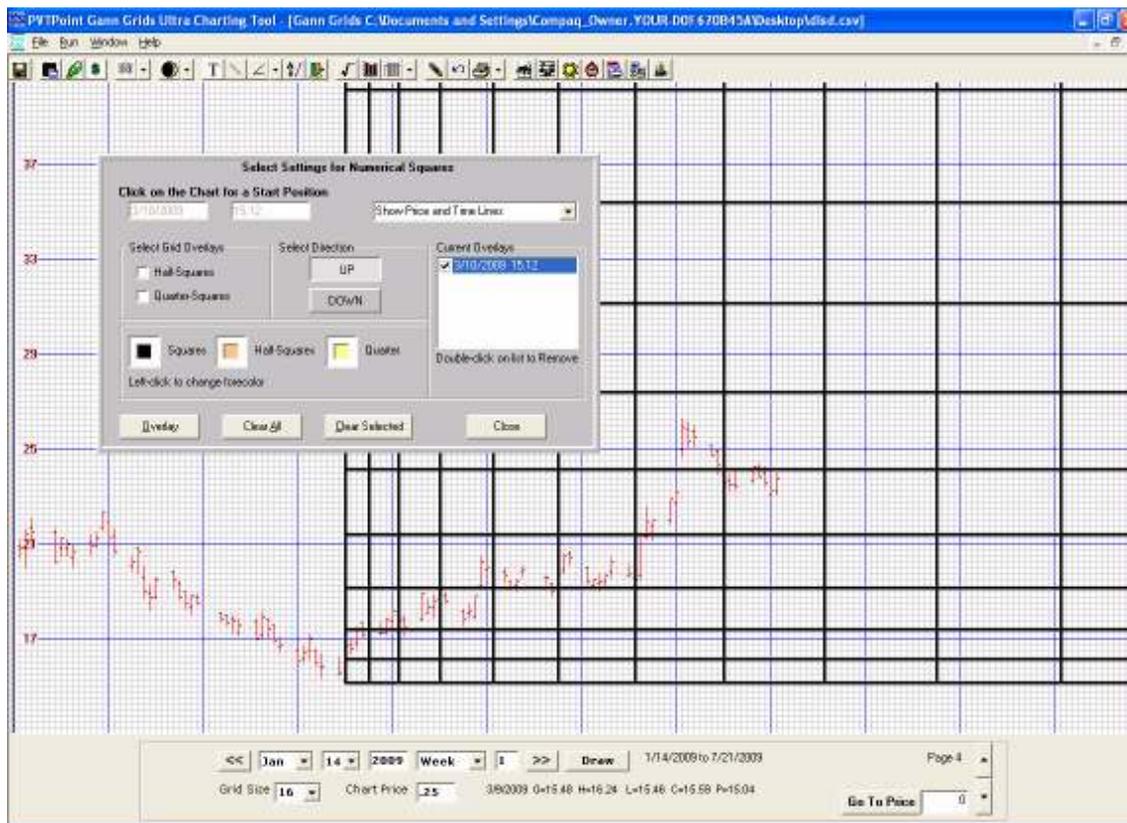
Natural squares are specific numbers of points up in price or bars over in time that count the exact numbers of grids equal to numerical squares.

Numerical squares are numbers starting from $2 \times 2 = 4$, $3 \times 3 = 9$, $4 \times 4 = 16$, $5 \times 5 = 25$, etc., all the way through a progressive series. Gann however, felt that his unique overlay of 144 was very important as he stated in his courses “Within the 144 overlay all natural squares up to 144 can be found”.

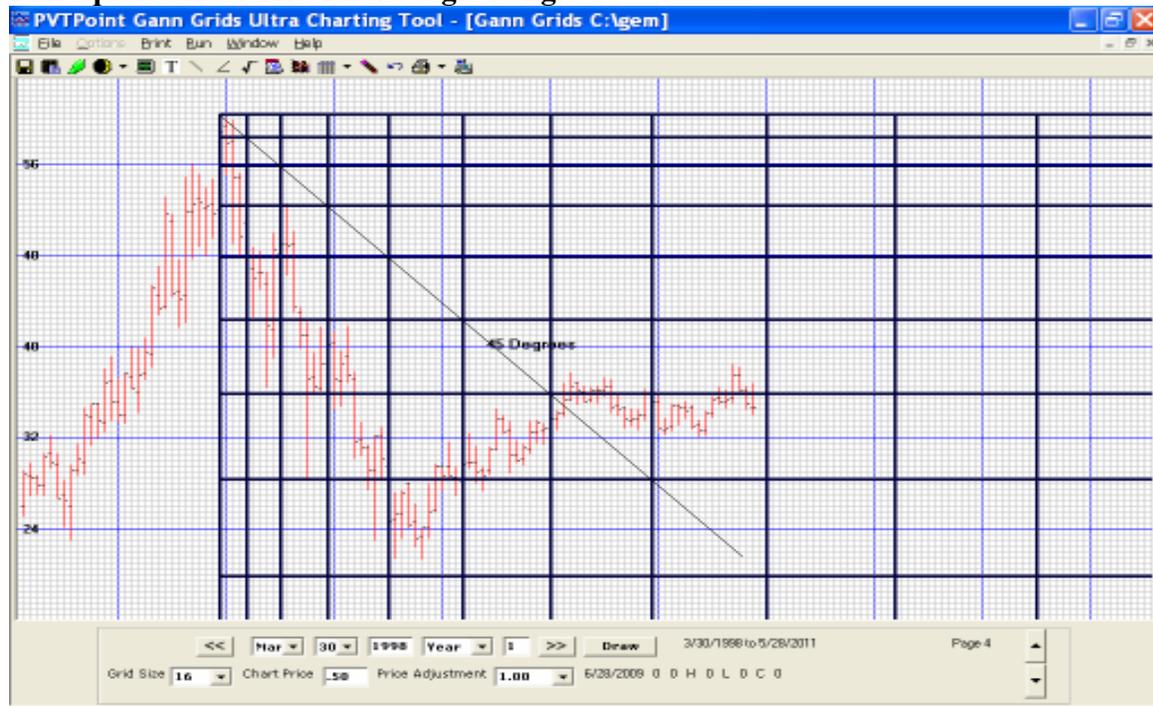
What do Natural Squares and Half Squares have to do with forecasting markets?

Gann as well as other found through this unique research that the natural square locations were important places to watch for changes in trend. To him they would show at a glance the support and resistance levels as well as the time increments of potential changes in trend. Carl Futia also found this to be true in his unique price square research. However through extensive trial and error research I found this special tools application is usually more consistent after the proper price scale was found first.

“New” 5.0 Squares tool overview



Full squares in black with 45 degree angle

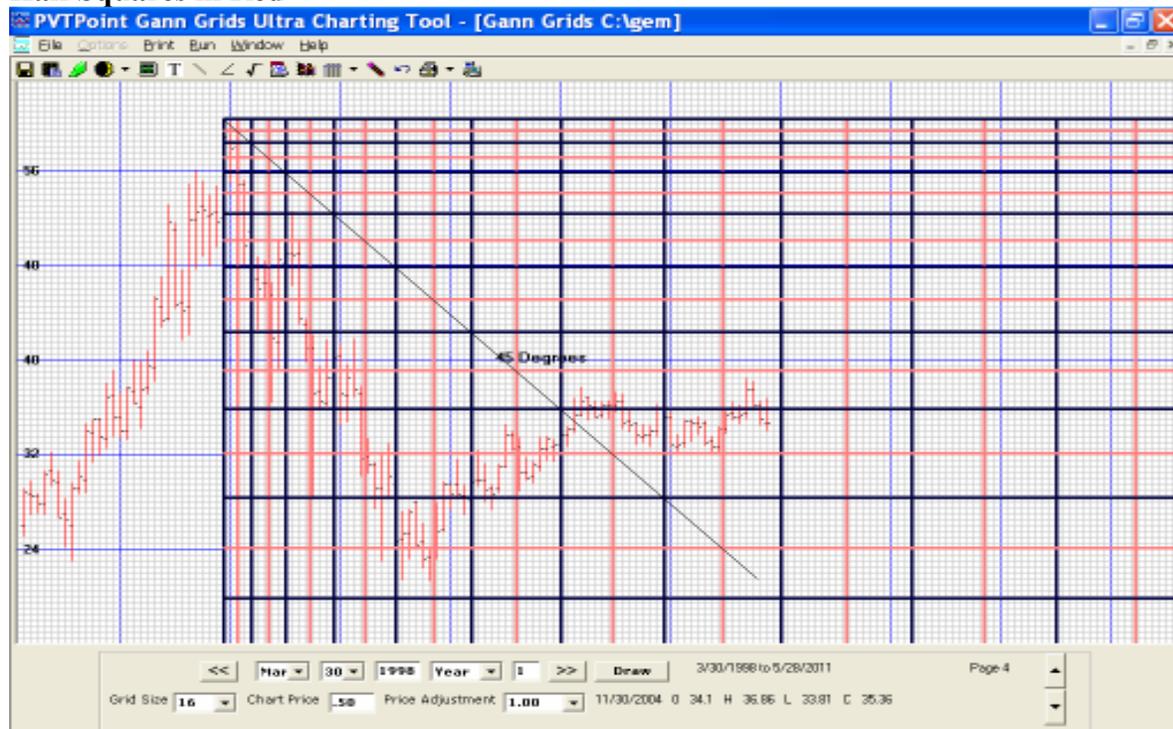


Half squares.

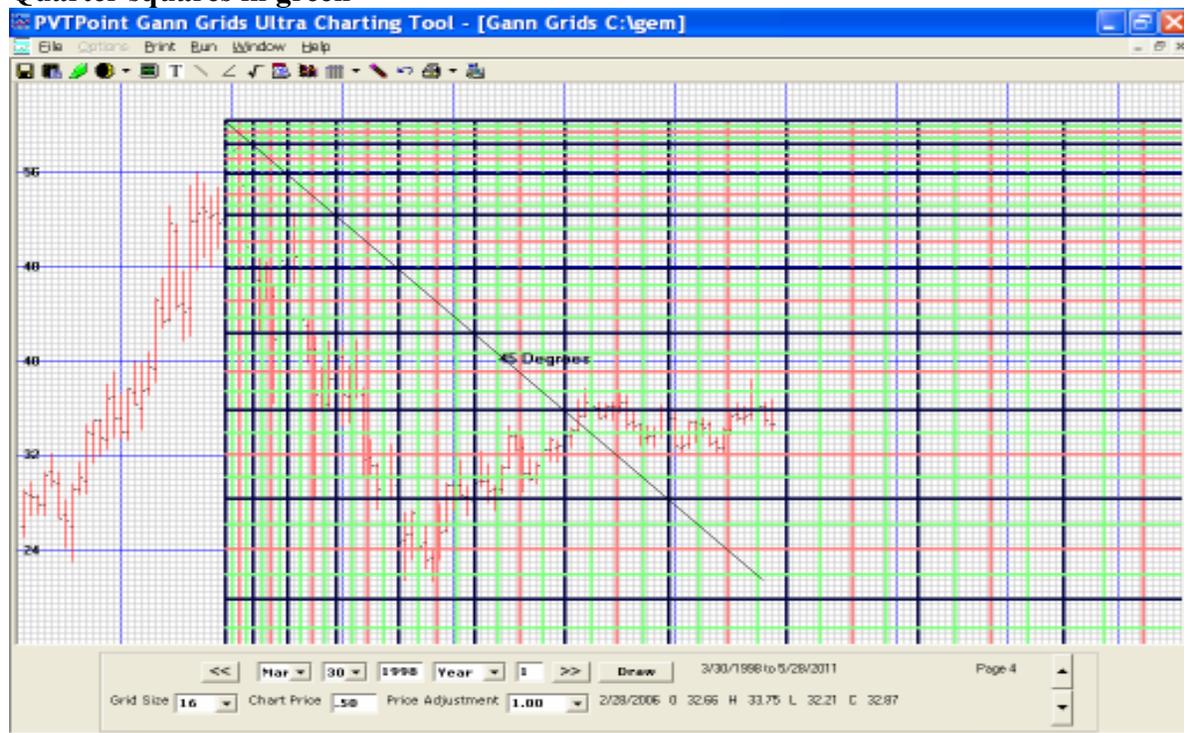
The half squares are set the same way as the full squares but instead of using only a whole number we use half numbers as well.

Example of half squares: $2.5 \times 2.5 = 6.25$, $3.5 \times 3.5 = 12.25$, $4.5 \times 4.5 = 20.5$, $5.5 \times 5.5 = 30.25$, etc

Half Squares in Red



Quarter squares in green



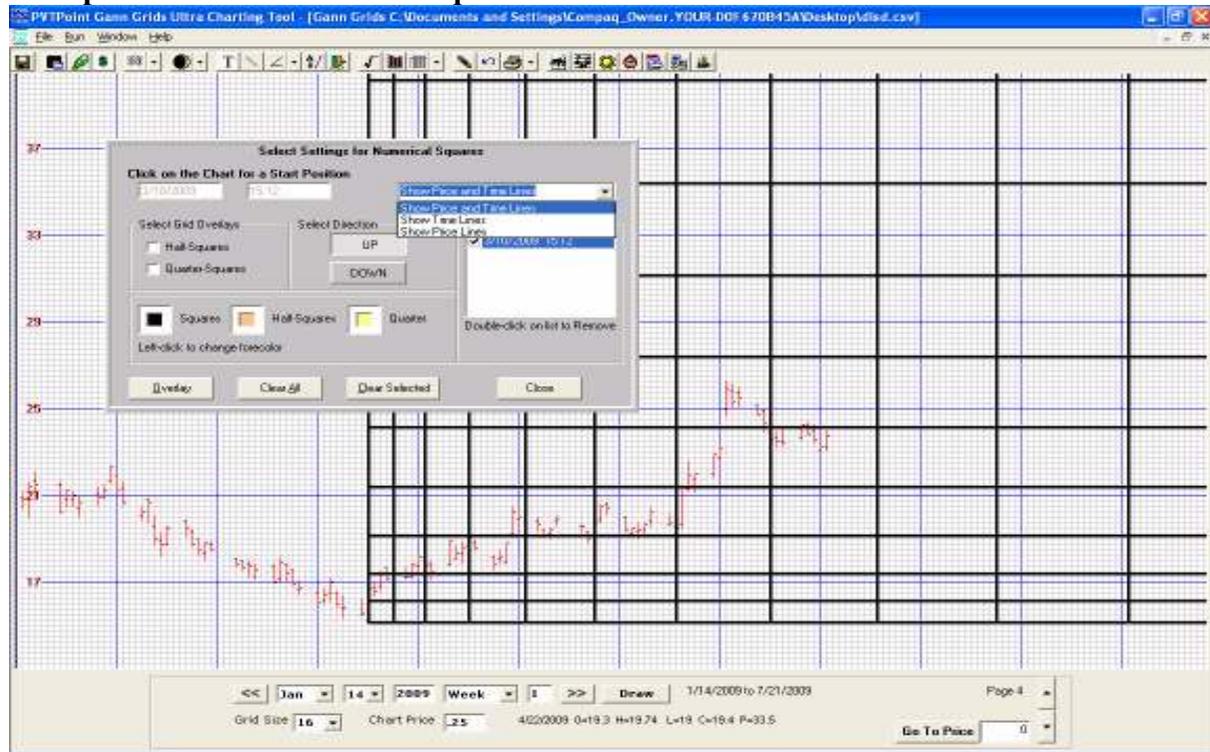
Choosing a starting point...By placing your pointer/mouse over an exact price and date then clicking your left mouse button will send that special date and price to a file within the application. Once this is done click the “overlay” button and the overlay will appear starting from that exact price and date location progressing into its future.

The 5.0 numerical square version not only features both price and time squares on screen at the same time as in the older 4.0 version but this version also allows the user to separate both time and price squares with a single click!

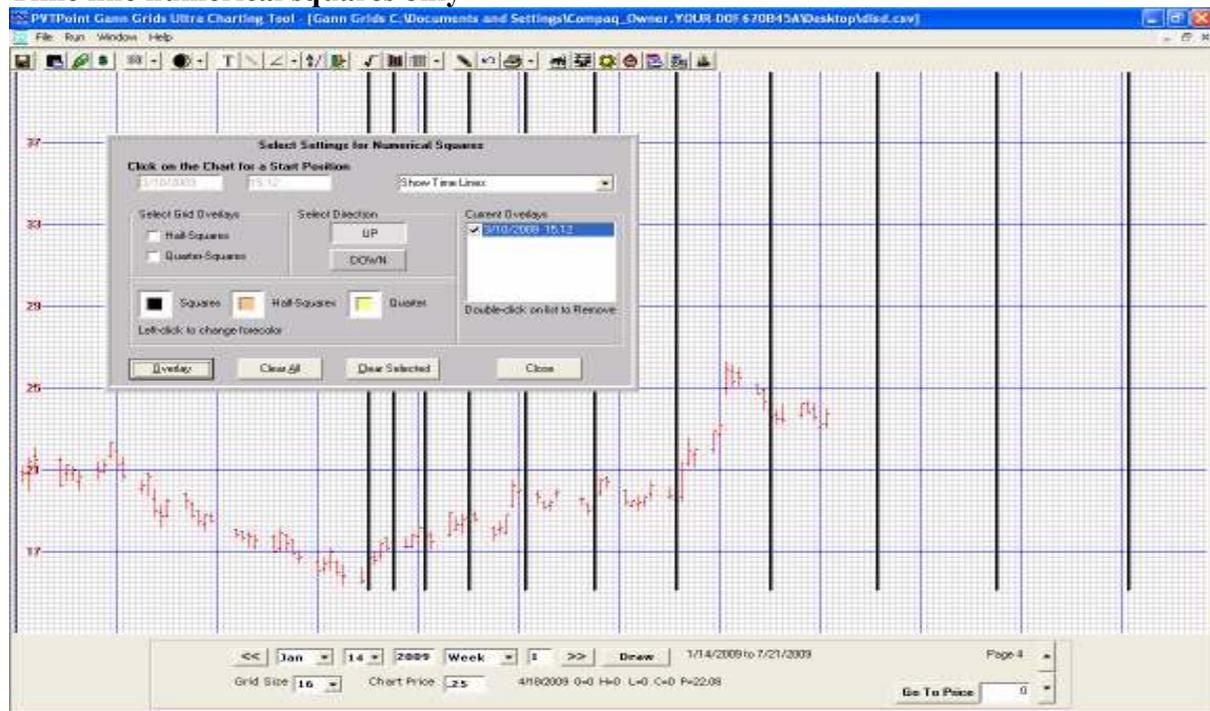
On the right side of the new 5.0’s application box there is now a drop down box asking the user to choose from one of three choices:

1. Show price and time lines
2. Show time lines
3. Show price lines

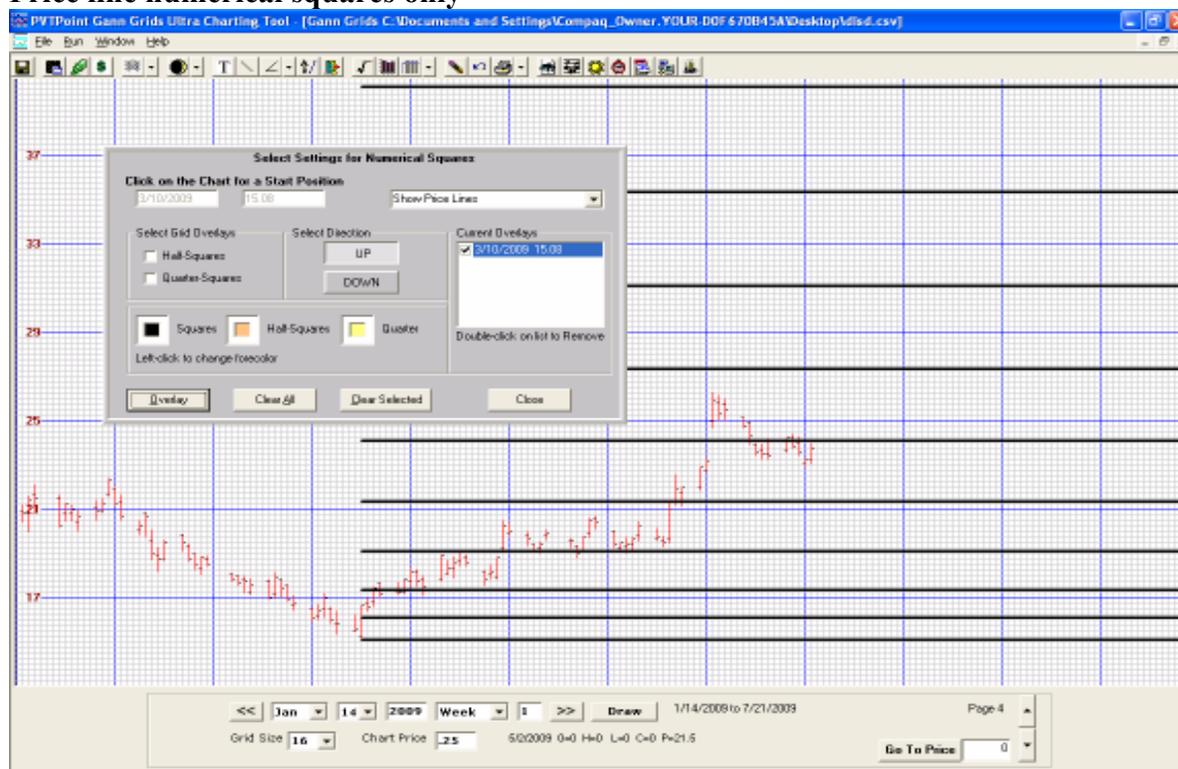
Both price and time numerical squares



Time line numerical squares only



Price line numerical squares only



In order to temporarily clear a current overlay from a chart just right clicks on its date located in the dialog box and highlight. Then click “clear selected” button. This will temporarily remove the overlay from the chart but will keep the date in the dialog box itself. If you want to bring it back just click on the “overlay” button and it will return. If you want to permanently remove an overlay double click on its date and it will be removed for good.

Price and time square overlay

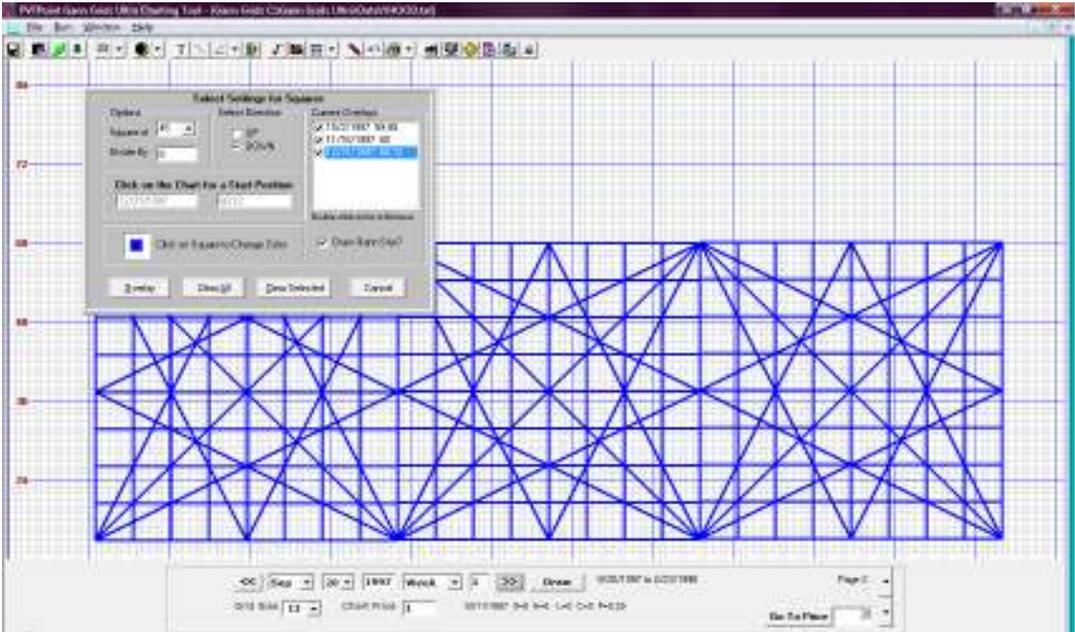
Gann found the numerical overlays of 52, 90, and 144 to be very important tools in determining the direction and trigger levels within individual markets. He also felt the high price squared, the low price squared, and both the price and time range squared where also important points to watch.

This research was done by taking a high or low price from a trend change date and overlaying a special drawing over it. By moving up or down in price an exact number as the price itself along with over in time would complete what was known to Gann as a time and price square.

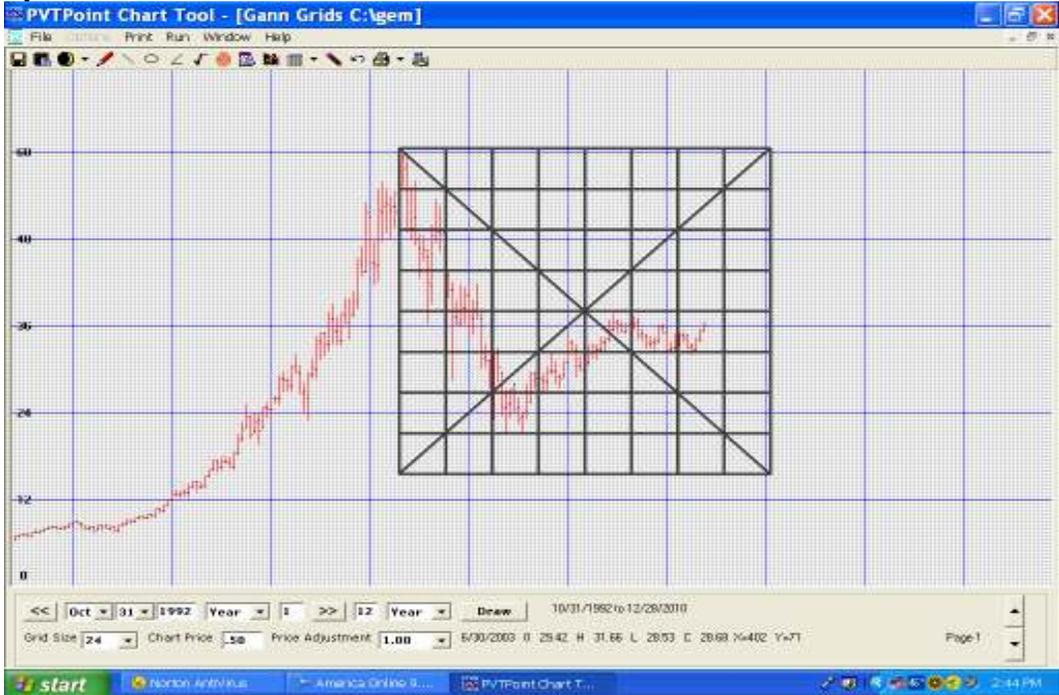
This specialized overlay could be used in two ways, first, to draw blank overlays over the chart used for locating potential division point of both price and time support and resistance levels, and second, to add the special drawing angles as constructed within his unique overlay pattern. (Given within his master courses)

This special pattern as drawn by Gann tends to show many interesting and important points of force when the proper price scale is found first.

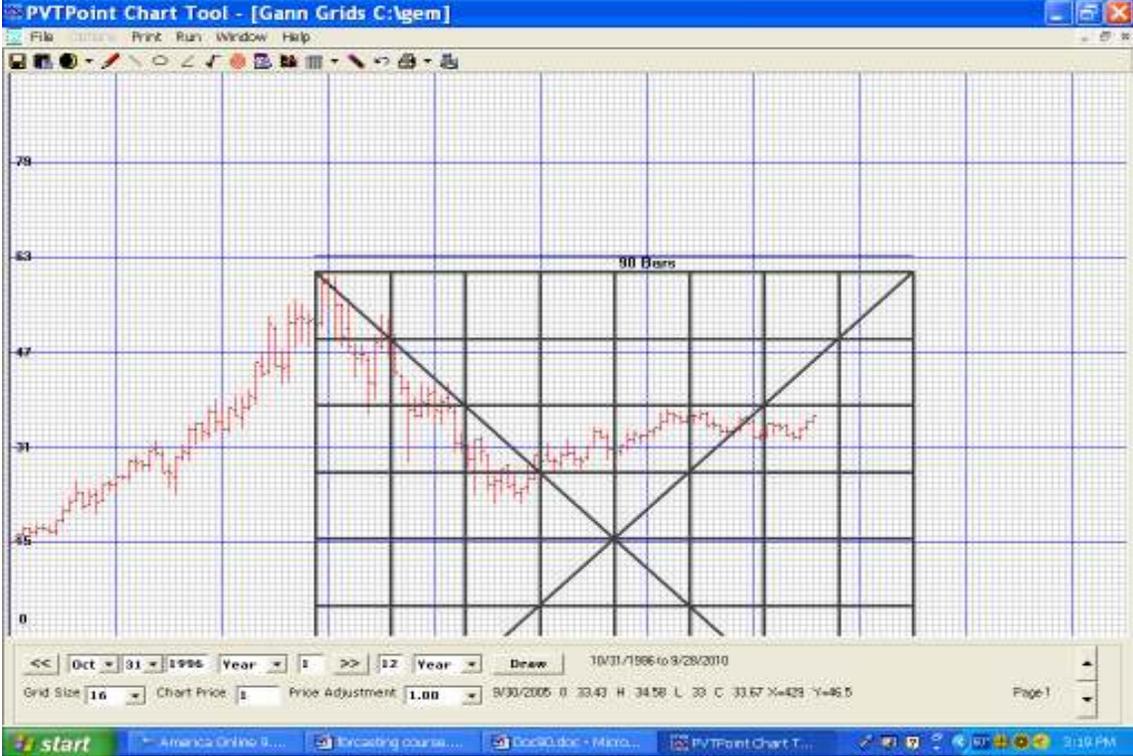
New Gann star option button... For those who rather not draw the Gann start line by line can now simply click on the square of your choice and check the Gann Star option. Once the square is overlaid it will automatically draw the star within its parameters.



Square of 90 # 1



Square of 90 # 2



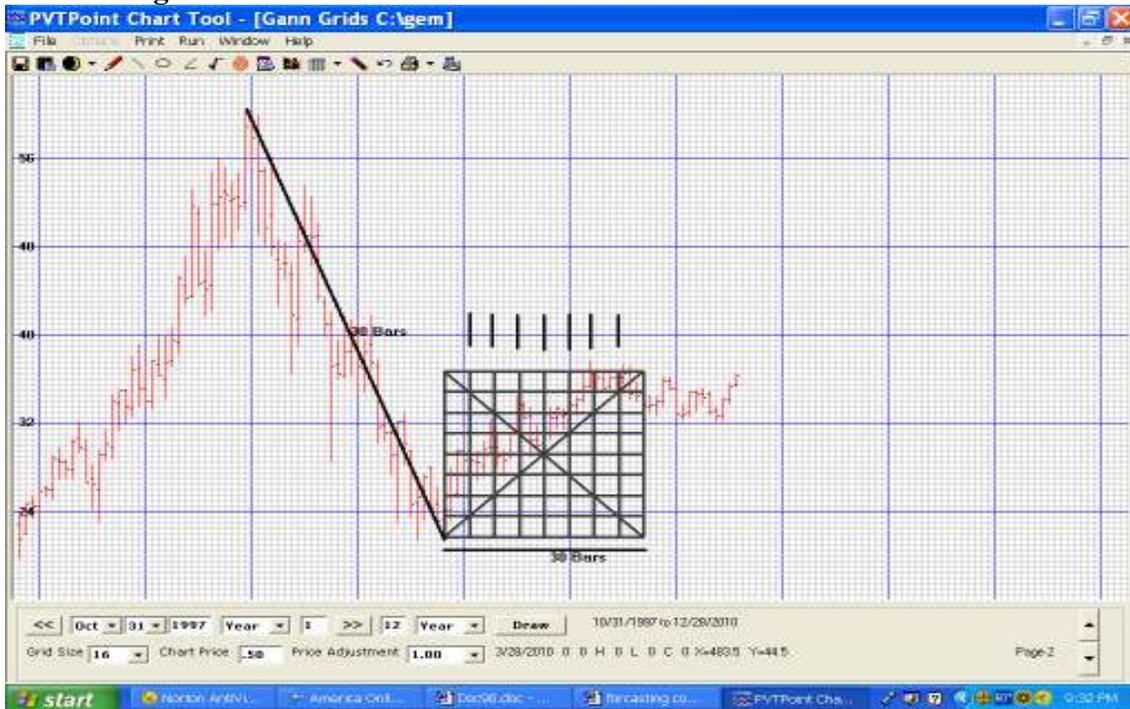
Square of 90 with price vibration set at .70



Time range of 37



Time Range of 30



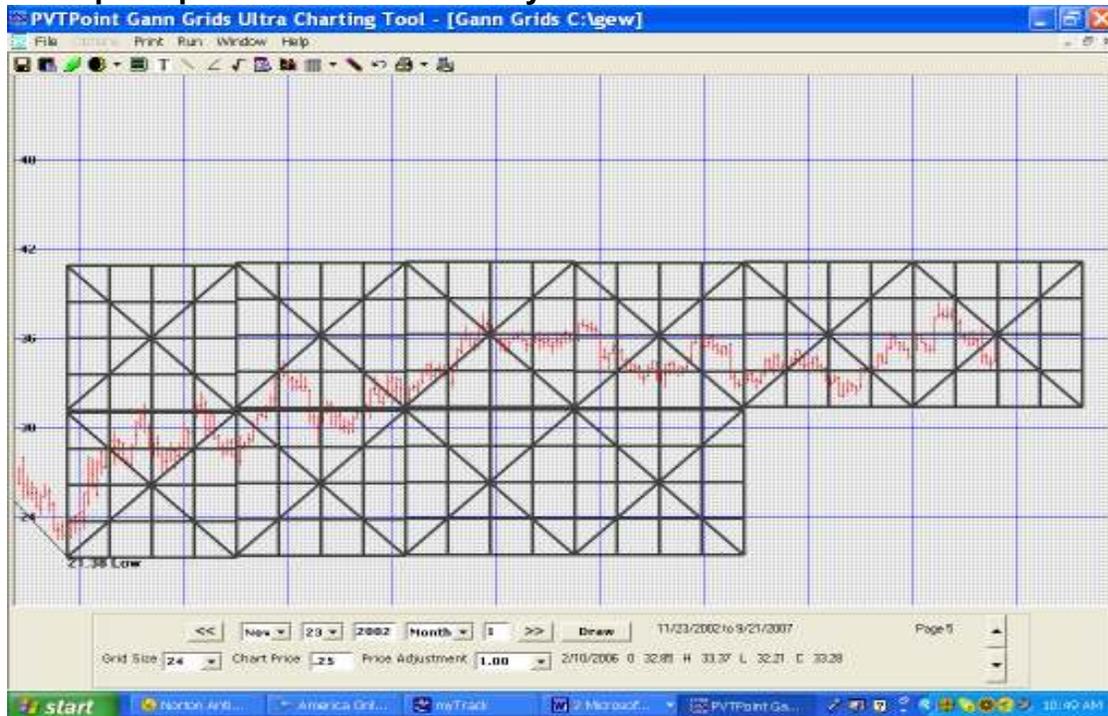
IBM low price of 54 doubled and divided by 10or the square of 108



Price range of 39 squared



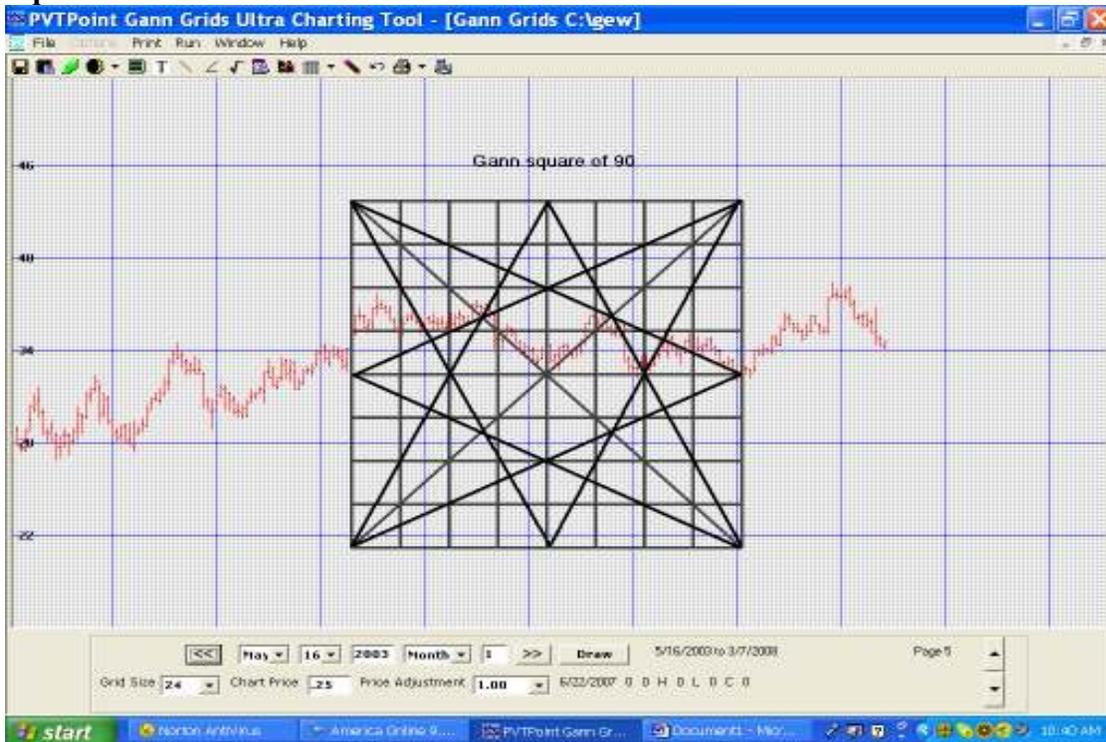
Multiple squares of 39 on a weekly chart



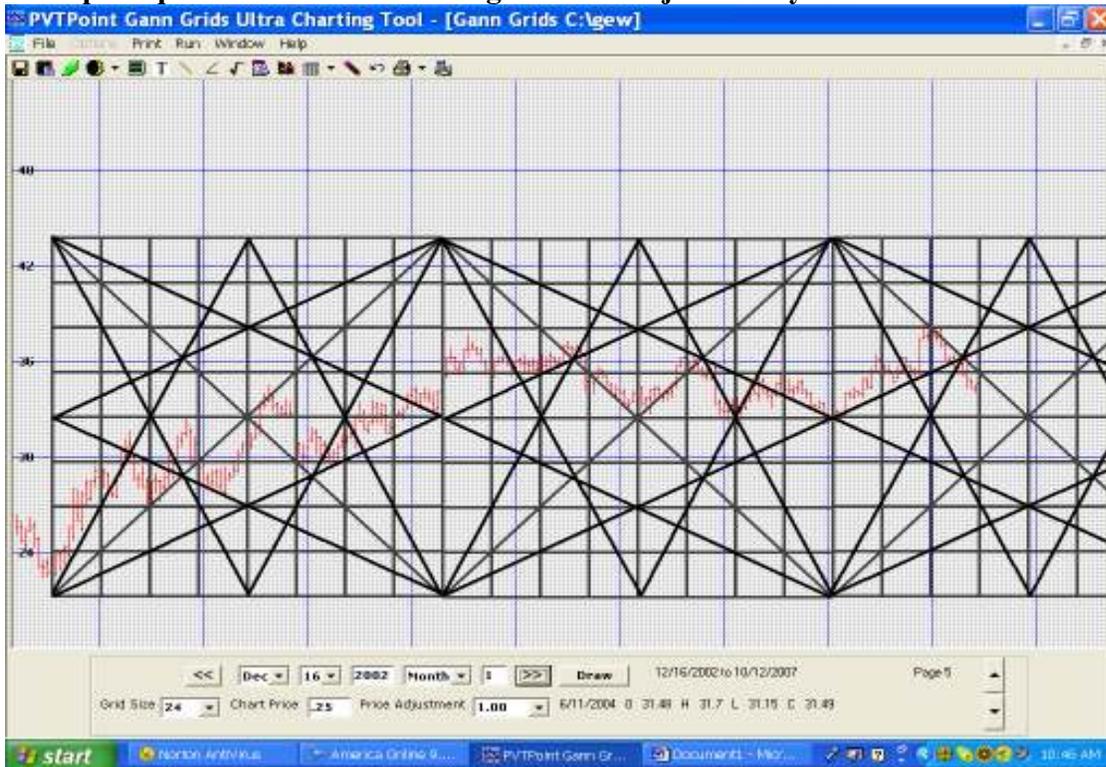
Square of 90 divided by 10 or multiple 9 month periods with Gann star



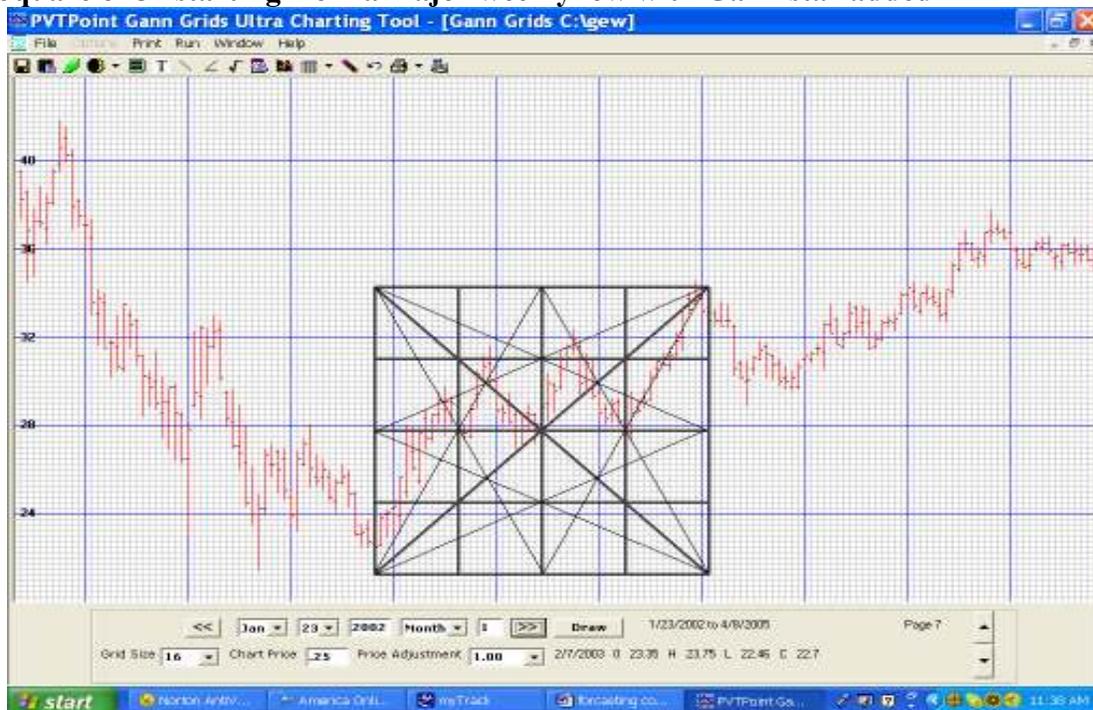
Square of 90 with Gann star 2



Multiple Squares of 90 with star angles from major weekly low

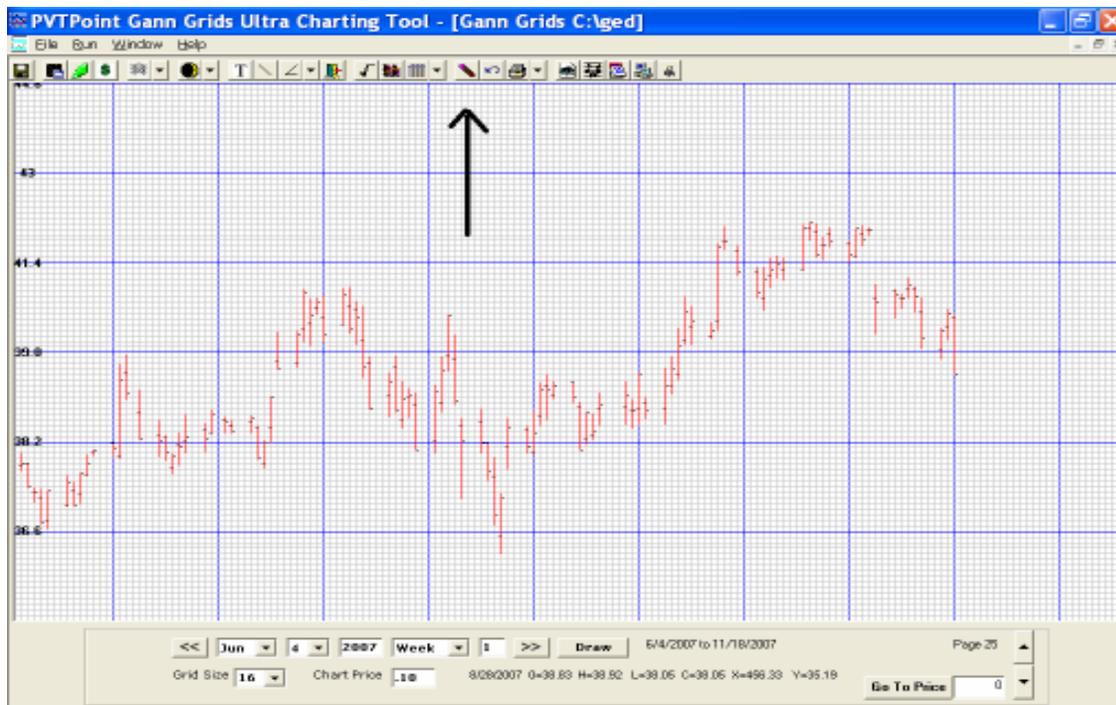


Square of 52 starting from a major weekly low with Gann star added



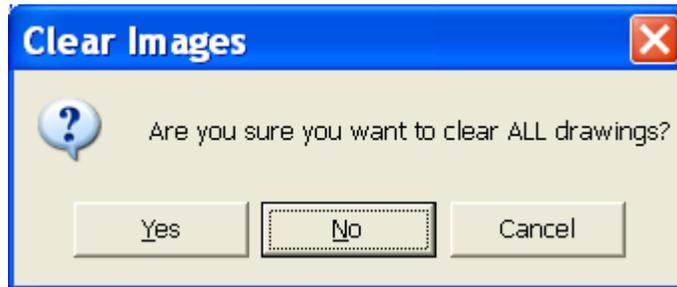
The Clear button

The clear image button will erase **all** drawing images and text from the current chart. This will occur all at once so make sure you want to erase **ALL** work done before you click this button!



IMPORTANT!

Once you press this button, you **cannot** get the images back unless they are restored from a saved-chart. After clicking this button a special box will pop up asking if this is what you want to do.



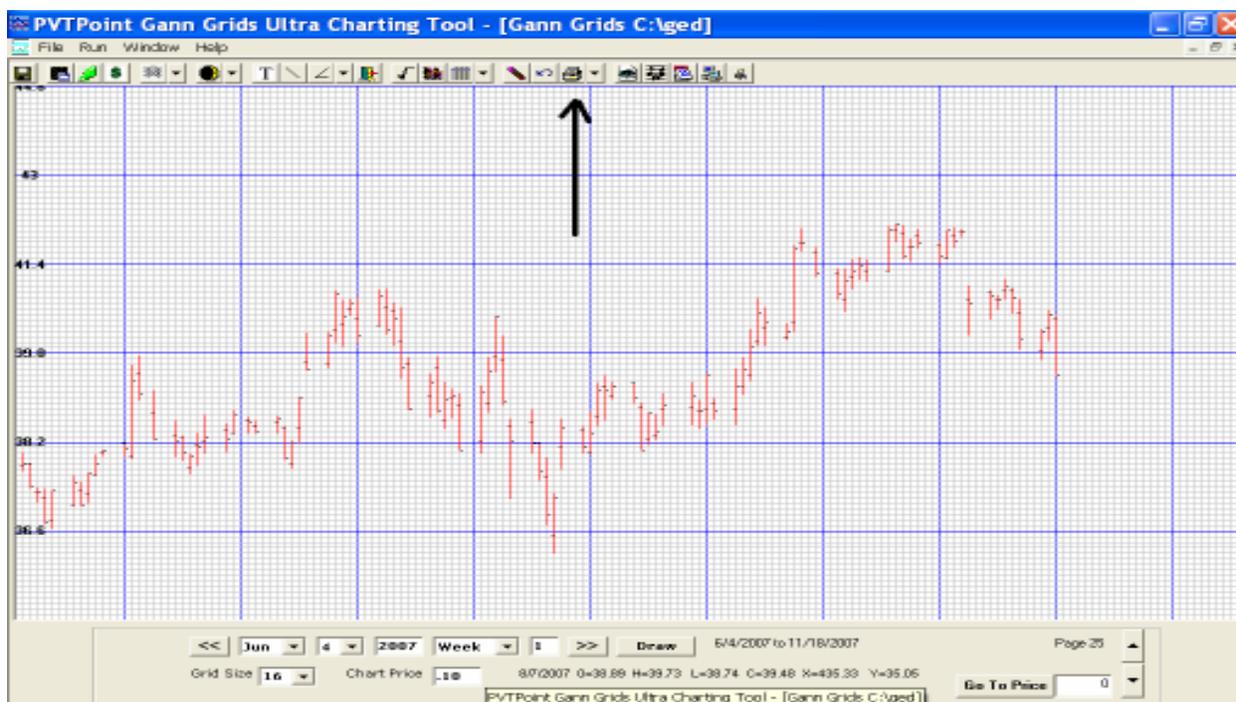
The Undo Button

This button clears the angle, square root angles, lines, or text drawn in a **last one in... first one out order**. The items are stored in a FILO method (First in – last out), so you can clear all images, one at a time.



The Print Button

The Gann Grids Ultra program has limited print format. This limited print feature just sends the current screen to the printer and **CAN NOT** print full length charts **nor** can it print full screens with dates. The program was built strictly to do the special research on screen then to save your research data to an ASCII file in a location of your choice.



If a full print version is needed.... The Gann Grids Printing Version (**sold separately**) has been modified to except the file generated with the Gann Grids Ultra program. This **add on** printing feature allows the user to print the entire chart with dates only (see Gann Grids Print version manual located at <http://www.pvtpointmktres.com/guide.pdf>) **“but will not”** allow the drawing tools, overlays, and colored bands to print.

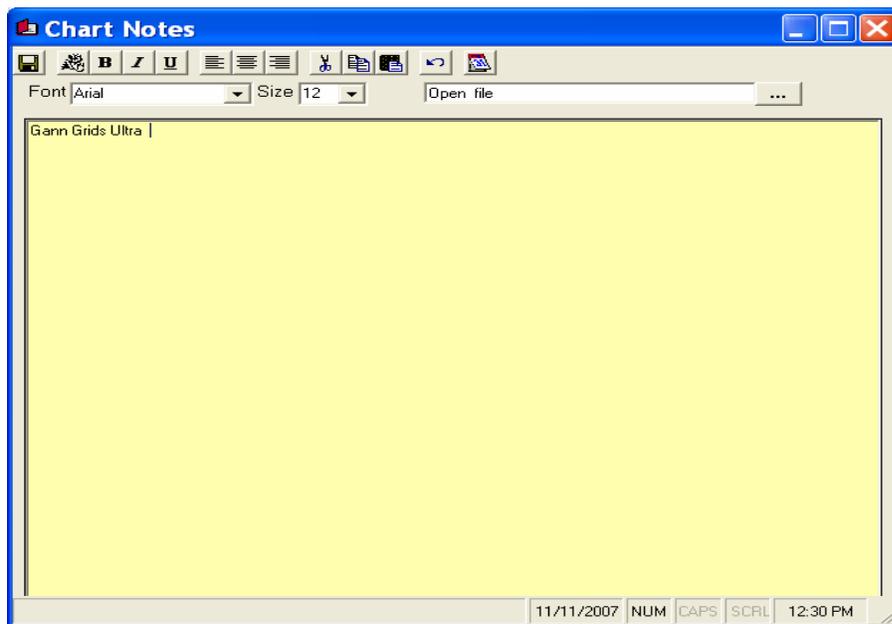
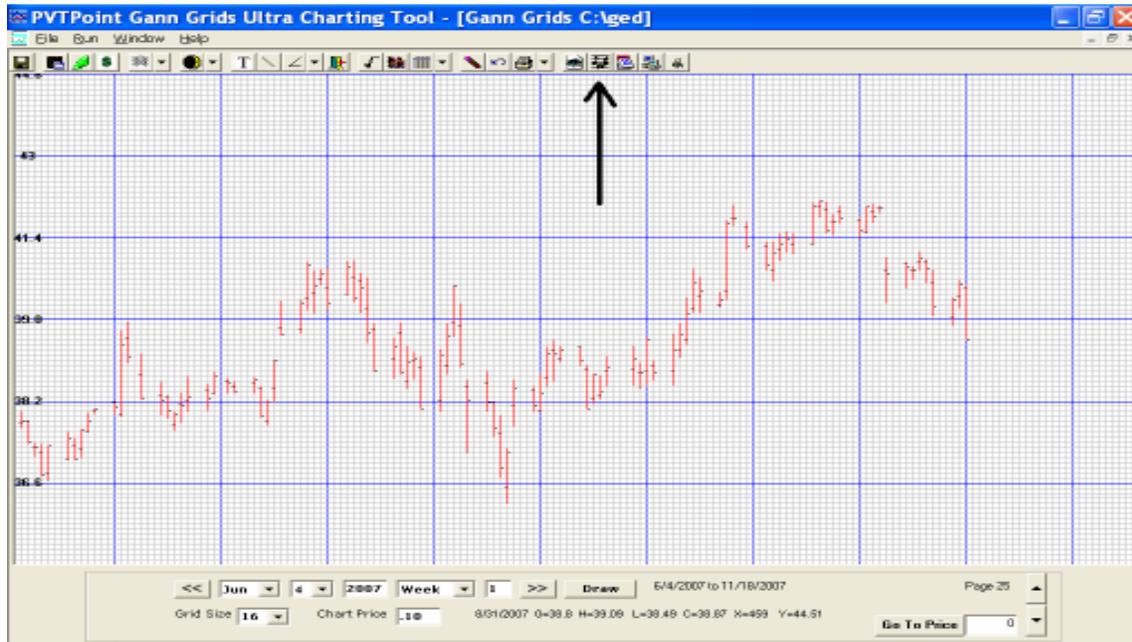
View Metastock data button

This button will allow the user to view the Metastock chart data after an account has been established. **Please be aware that due to Metastock security locking limitations only one Metastock chart can be opened at a time!**



Attach notes to charts button

This button allows the user to easily add notes and charts to a saved location for quick and easy retrievals.

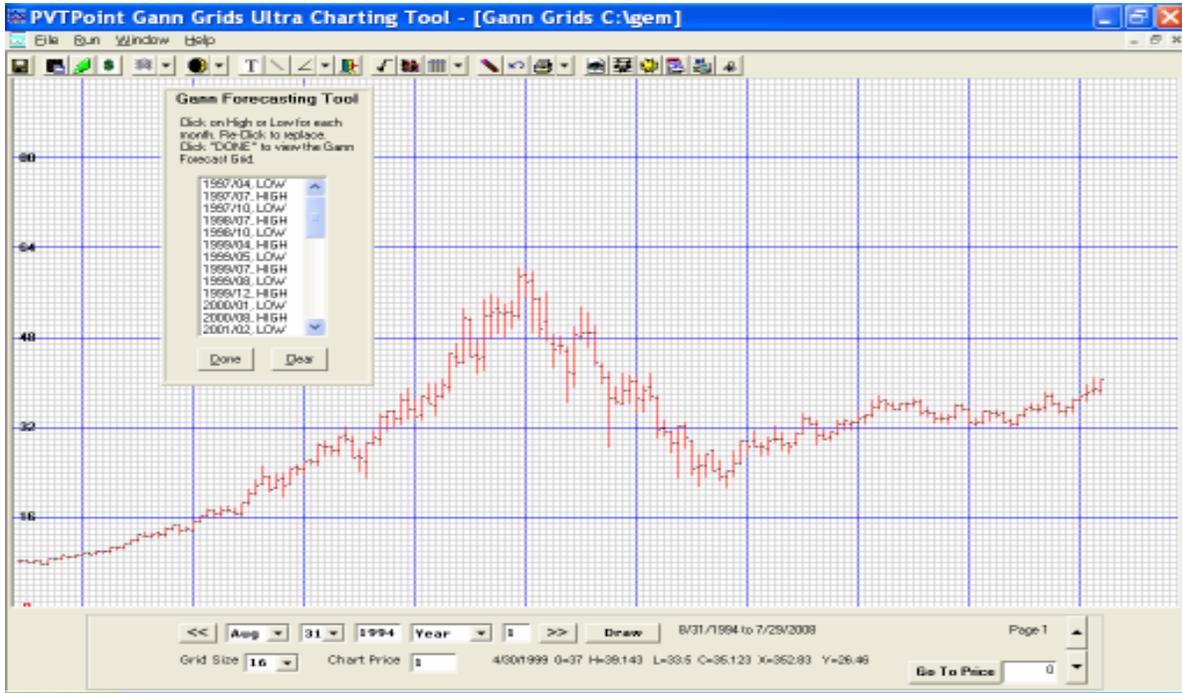


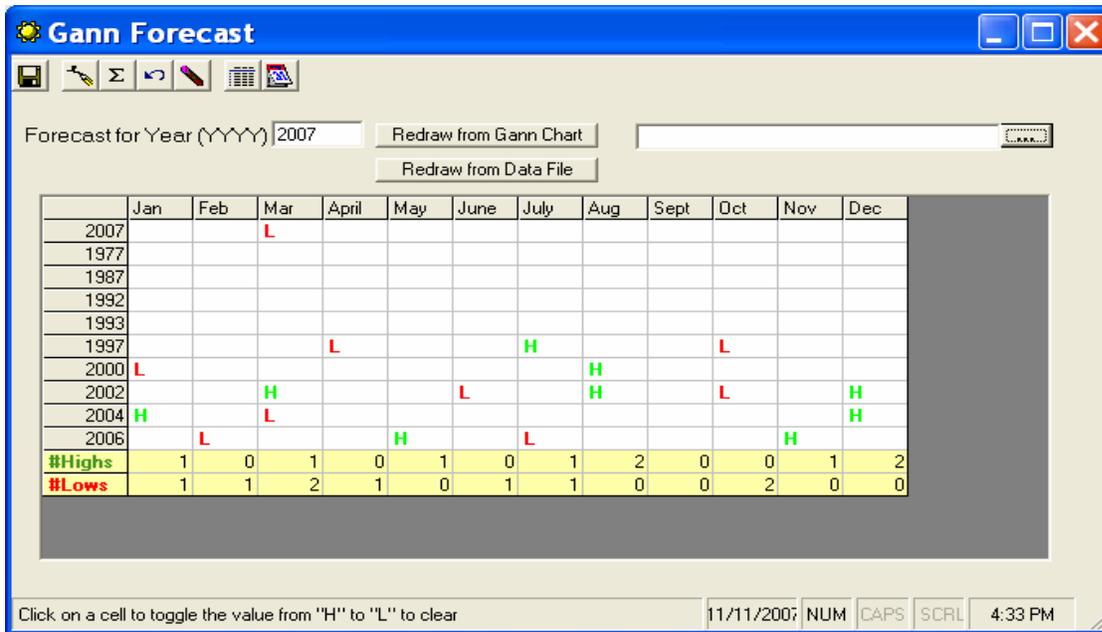
Gann monthly cycle tool button

Based on the W D Gann master time periods mentioned within his various books and courses this tool was built to save the user's time marking each date in every month through out the course of his/her monthly data. This tool will give the monthly trend changes going back 30, 20, 15, 14, 10, 7, 5, 3 and 1 years in a list format with the simple click of a button. Also be advised that this tool will only highlight and open when a monthly chart is viewed.



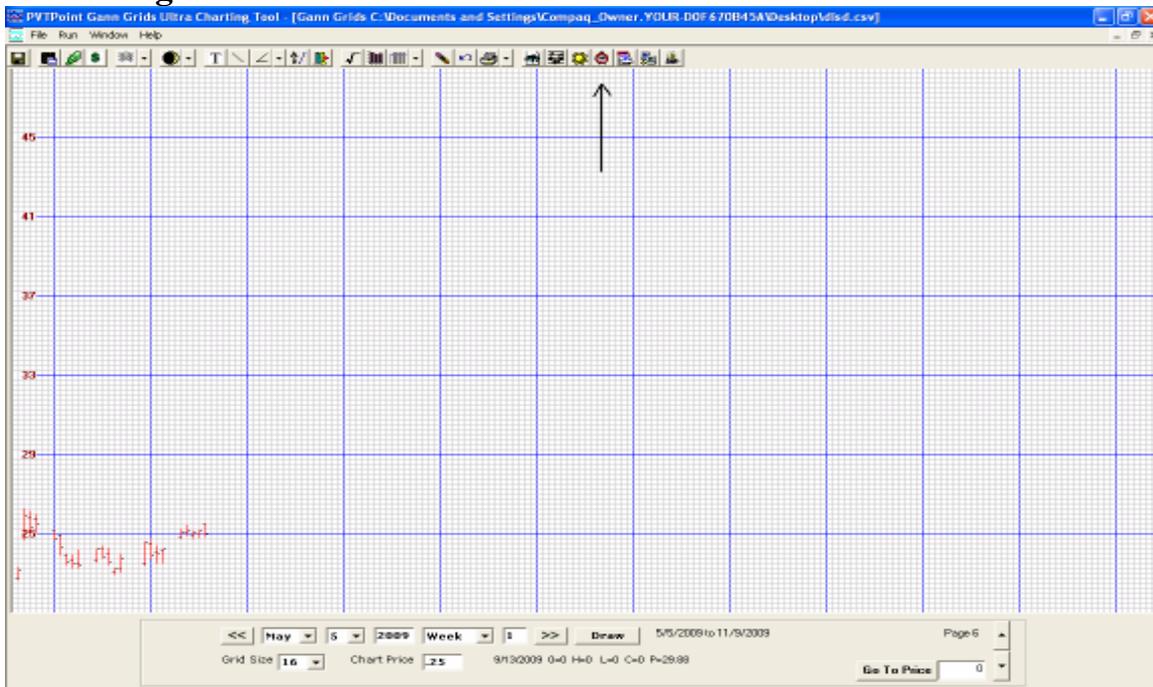
This tool is systematically set up by left clicking your mouse on the farthest set of monthly high and lows dates going into the future in sequential order. Once this is done all you need to do is put in the desired year you would like to forecast and the program will do the rest.





The above format is a series of Gann cycle months for the year 2007. If another year would like to be viewed just put that year in the provided window and the cycle years will automatically update to fit the new projects format. The entire monthly high and low series only needs to be clicked on and added once as they could then just be saved for future research

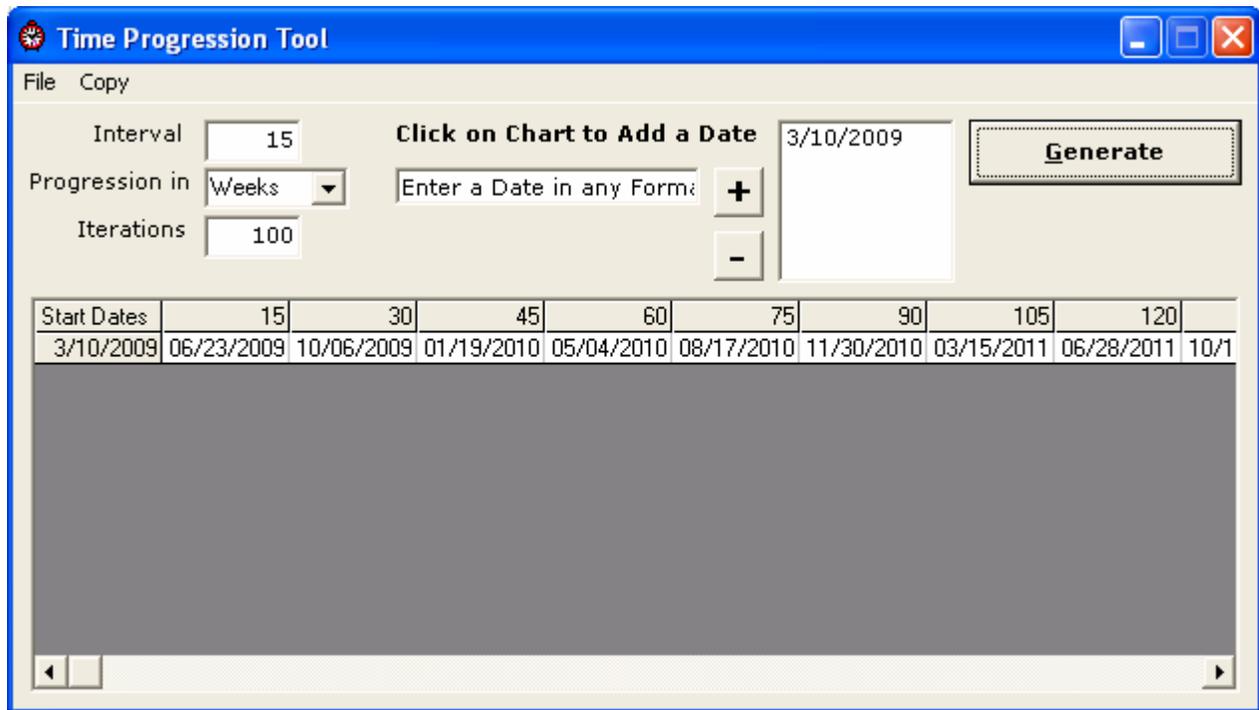
Time Progression tool



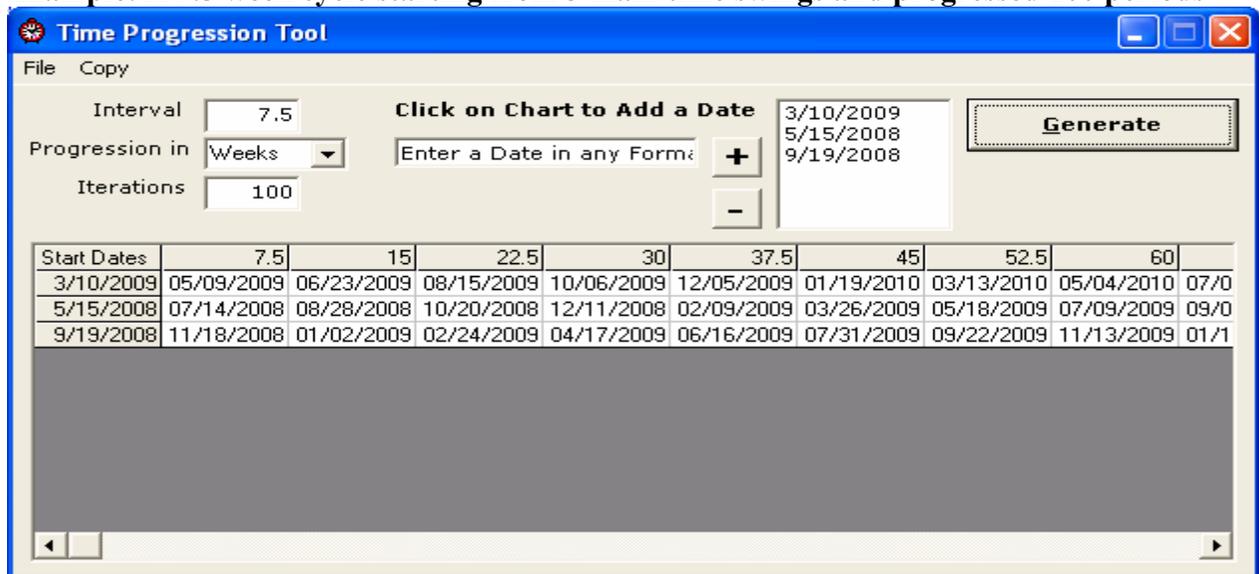
The progression tool was developed to find the exact day, weeks or month a user defined cycle runs out. By placing a user defined cycle length in the interval box, the time frame in the “progression in” box along with how many periods you wish to view will set the tool’s calendar scan. Once done choose a user defined date by directly entering it in the “Add” date section or

just by clicking your mouse directly over the desired time period from the chart itself. Then click.....“Generate”..... The tool will then start the progression in sequential order.

This tool is used to isolate future time periods multiple “time aspects” combine within.



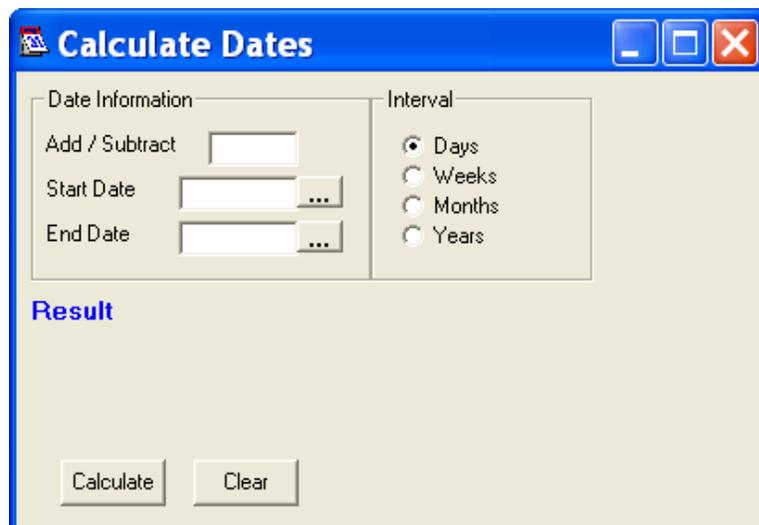
Example: A 7.5 week cycle starting from 3 main time swings and progressed 100 periods



Using this format shows all 7.5 week periods/dates starting from the individually set date series. If we wish to scan the month of June 2009 we see starting from the 3/10/ 2009 bottom, June 23 is at 15 weeks. From the 9/19/2008 top we see the date 6/16/2009 is at 37.5 weeks. Both are very important time periods within the 365.25 solar year.

Date Function

This tool is used to find the difference between 2 dates by adding or subtracting days, weeks, months or years from a given date. (Note... This function does nothing to the charts themselves.)



The screenshot shows the "Calculate Dates" dialog box. It has a blue title bar and standard window controls. The dialog is divided into two main sections: "Date Information" and "Interval".

Date Information:

- Add / Subtract: []
- Start Date: [] ...
- End Date: [] ...

Interval:

- Days
- Weeks
- Months
- Years

Result:

At the bottom, there are two buttons: "Calculate" and "Clear".

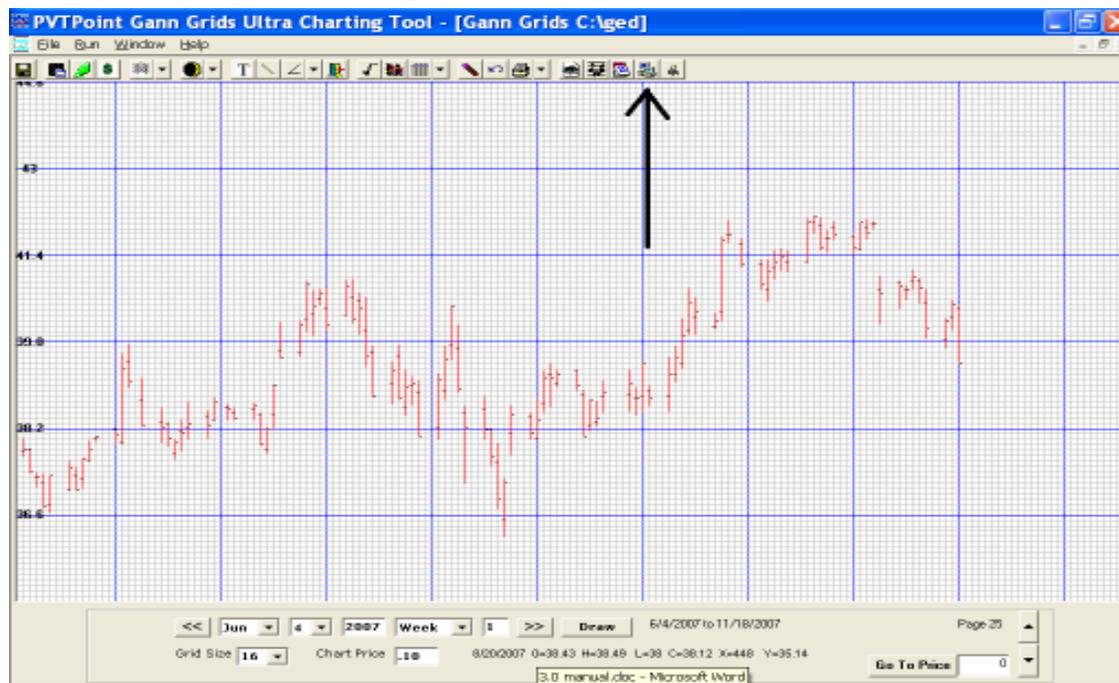
This tool is used for researching potential turning dates based on fixed time cycles. If you want to know the date in 7, 14, 21, or 49 weeks in the future or the anniversary date of any time cycle starting from a user defined date this tool will give the answer.

Data Download Button

This button calls on the **Pivot Point Data Downloader** working exclusively with the **Dial Data** download system. This feature currently has the ability to retrieve end of day data through a Dial Data specially built downloader. You must have an internet connection along with a Dial Data account, user ID and password is needed to connect to this service. This featured account

is **not** provided by Pivot Point research but must be done directly through the “**Track Data service**”. See details under “**Pivot Point Data Downloader**” heading for signup on the web page.

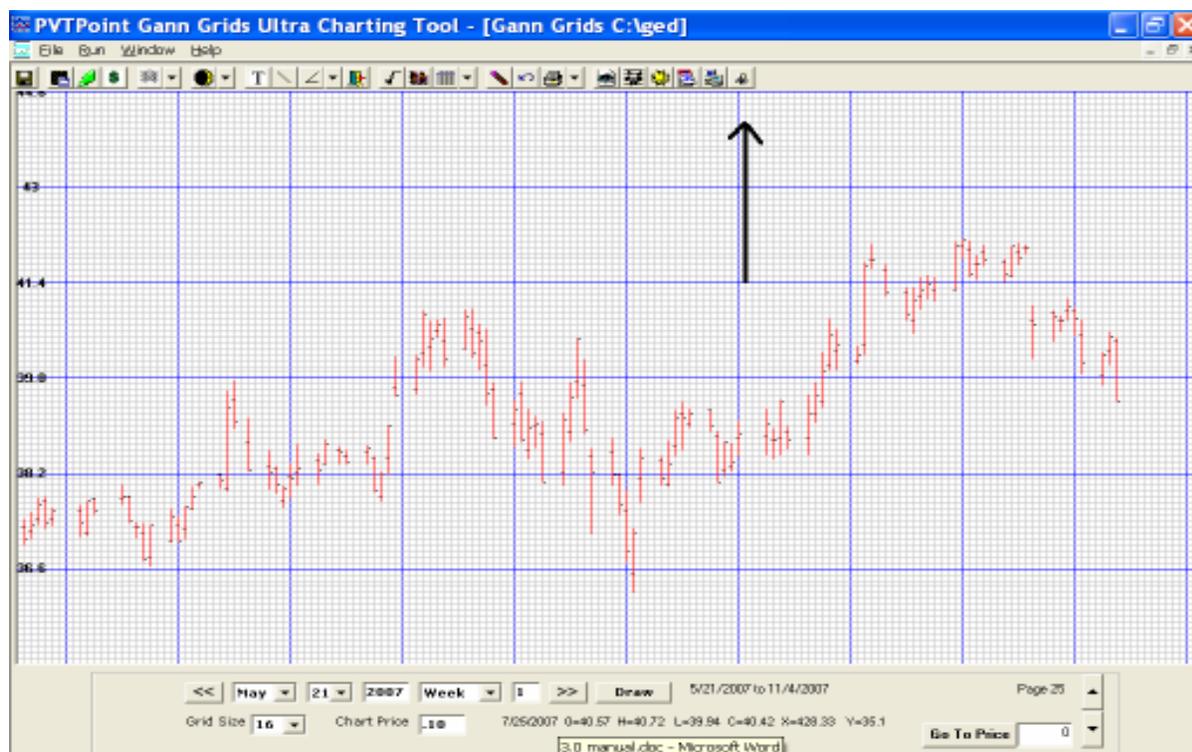
Note...Please scroll to the end of this manual for an in-depth description of the downloader



Metastock downloader button

This button will link directly to the metastock downloader once an account has been opened. To open a metastock account you have been equipped with a direct link to a “**Special 30 day free trial page**” located in your Gann Grids Ultra start menu list or go to:

<http://www.pvtpointmktres.com/layout/?show=metamain>



For more information on Metastock download setup please go to the above link and add the recommended parameters. This link will send you directly to the information and instruction page.

End of Gann Grids Ultra Basic Version

Gann Grids Ultra Advanced Version

Astro tool version

In the early part of 1993 I became interested in becoming a technical research specialist and sought as much information as I could on the subject. I read as many books, courses and articles as I could find while at the same time testing dozens of technical forecasting systems. I however found most if not all fell short of my expectations in actual trading.

After an extensive investigation on the subject the names of W D Gann, R N Elliot, and George Bayer stood out among the rest as being the best of the best within the fascinating field of technical analysis and forecasting

What caught my attention about these 3 men were each had a larger than life Bio, along with an astonishing track record of forecasting market turns weeks if not months in advance... Documented!

However, the fact that Gann and Bayer used a kind of astronomy to generate their forecasts didn't sit well with me at first, in fact to me at that time the whole subject was nothing more than superstition and mumbo jumbo rather than an actual science.

What I did eventually begin to see after 3 intense years of research was **Gann** spoke freely about many natural and interesting laws such as the laws of vibrations, the laws of geometrical angles, range divisions, time cycles, and natural time sequencing followed by an introduction to his master calculators. Gann also showed a unique understanding of astronomy and astrology as explained in several examples of planets having a direct relationship to price support and resistance levels along with other astronomical calculations.

It seemed to me that his understanding of astrology was more of a hard factual science that could be back tested and confirmed, rather than just chart interpretations of pending doom and gloom. His type of astrological forecasting was more of an astronomical method with straight forward rules rather than what would be given from most street corner astrologers both around at that time or even today I was intrigued!

George Bayer spoke of Hebrew letters, graphical ellipses on specially sized chart paper, large amounts of astronomical observations on what he felt were the keys to unlocking most markets price and time reversal periods, aspect timing using the planets and hot zodiac degrees locations, theory behind solar and lunar eclipses in forecasting and also something he called his 5 fold horoscope. .

He also felt many ancient metaphysical texts were filled with hidden secrets of natural time cycles as explained in his various books and courses. He also stated this was the origin of his unique research and astronomical trading tool applications

R N Elliot believed his research on the natural coincidences of a special number cycle was consistent with not just the fluctuations of our universal markets but also tied directly into nature herself. He found that the Fibonacci sequence, the golden ratio, and the distinct number pattern found within his pyramid research were all around him all the time. He found the sacred

sequences and numbers in natural plant growth patterns, sea shell spirals, vortex spirals, planet rotation cycles, sacred architectural geometry, musical note intonations and galactic progressions

However, at first being some what of a skeptic I tested every tool in exactly the way instructed to do by each within their various works, and to my surprise I found many of the Astro tool applications did in fact work.... and at times work well!

I have termed this special astro technical timing, individual and natural energy date research.

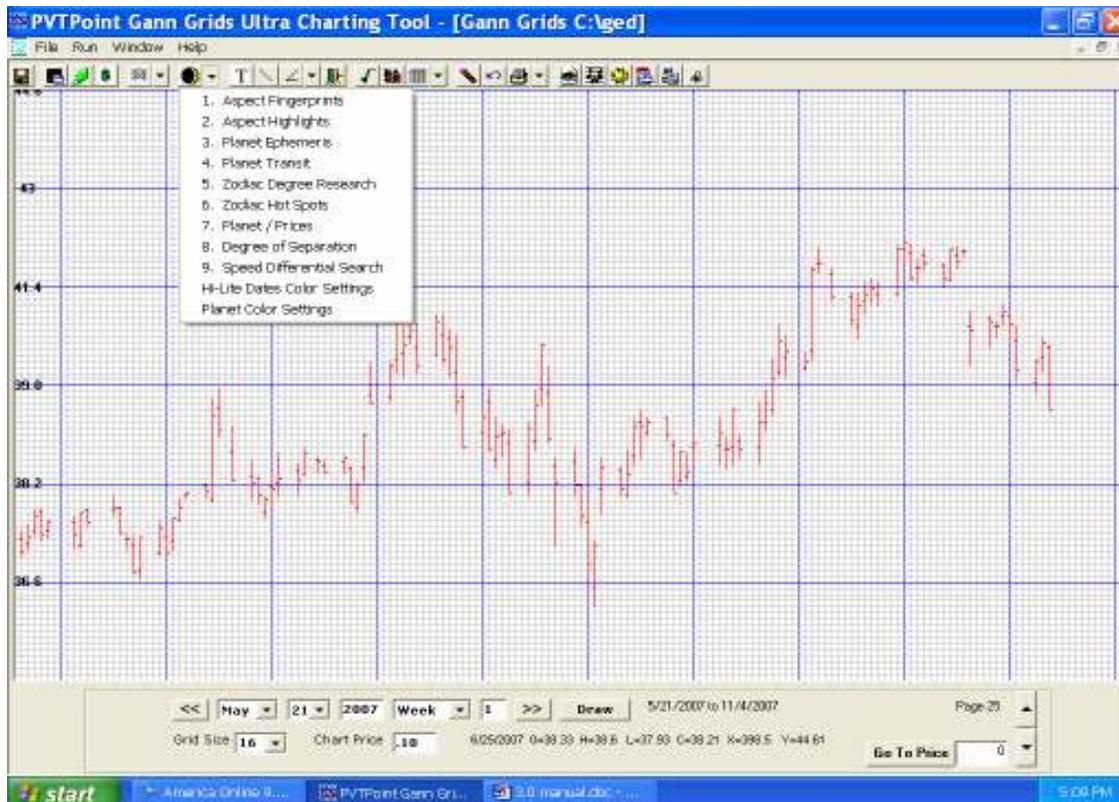
I have included within the Gann Grids Ultra Advanced version all of the extremely user friendly tools explained in the basic version plus several of what I consider the most consistent astro technical applications found within their unique and fascinating research.

For more advanced astrological/astronomical and forecasting tool application found within the three master's works, I highly recommend purchasing most if not all of the Gann, Bayer and Elliot books and courses located at several web locations.

Also write to Bonnie Lee Hill and ask for a "FREE" copy of her "Tunnel through the air report". At bonniehill@verizon.net

Bonnie Lee Hill in my opinion is one of the leading astro technical researchers within this unique science. I also found her "Tunnel through the Air" material to be a ground breaking study.

Astro Tool 1 – Aspect Fingerprints



The first astro tool takes a series of dates by left clicking your mouse on the daily chart dates from major and medium high and lows points going back 5, 10, and 20 or more years then breaks each date down into astro aspects and planetary combinations. This tool then groups them together for research. The term astro fingerprints is a term formulated through extensive trial and error research as what was discovered over time was when multiple major and medium turning dates were astronomically analyzed by dissection, each market seemingly had statistically predominant and unique set/sets of planetary aspects around them. Just like a unique set of astrological fingerprints.

Finding the highest number of specific planetary combinations around most tops and bottoms is the goal of this tool and works in Heliocentric and Geocentric settings

When you select this tool from the Astro Tools menu, a box will pop up. Use this box to set Date Parameters for Aspect Fingerprints. Click on your chart, on any dates. They will appear inside the astro tools index box. When you are satisfied with the dates, click the “Run Tool” button to run Aspect Fingerprints.

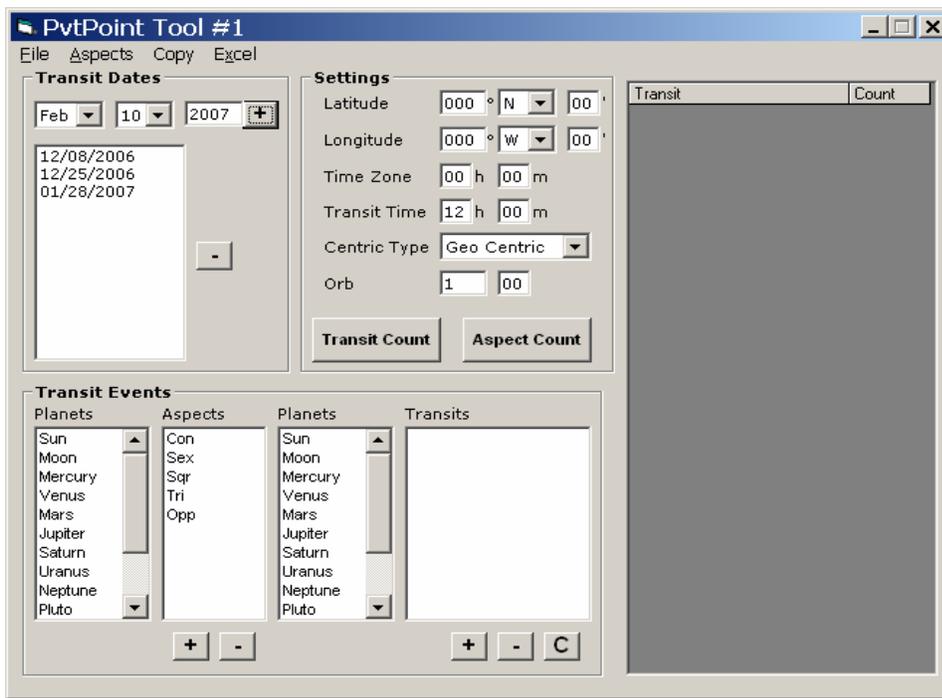


“Clear all” will remove all the dates in the box.

“Copy” will copy all the dates in the box to the clipboard.

“Paste” will copy any dates you have on the clipboard to this box, so you can grab dates from text documents or spreadsheets.

“Run Tool” will execute the tool with the dates you have selected.



Add any other dates by selecting the date and pressing “+”. Choose your settings and select your transit events. You can click on the planets and aspects in their list boxes by single-clicking, or select multiple by holding the shift or <Ctrl> keys. Populate the transits box by pressing “+”. Once all these parameters have been set, press “Transit Count” or “Aspect Count”.

Tool #1 Menu:

You can also double click on any one of the dates in the series and see all the planetary locations and aspects taking place on that day.

Aspect	Orb	Planet	Position
Moon Tri Venus	0°03'	Sun	4° 5' 53" Leo
Asc Tri Node	0°19'	Moon	3° 0' 52" Cap
		Mercury	15° 40' 46" Can
		Venus	2° 57' 19" Vir
		Mars	22° 52' 23" Tau
		Jupiter	10° 6' 6" Sag
		Saturn	25° 20' 0" Leo
		Uranus	18° 15' 7" Pis
		Neptune	21° 5' 40" Aqu
		Pluto	26° 44' 4" Sag
		Asc	7° 8' 12" Sco
		MC	2° 30' 57" Leo
		Node	7° 28' 4" Pis
		Earth	0° 0' 0" Ari

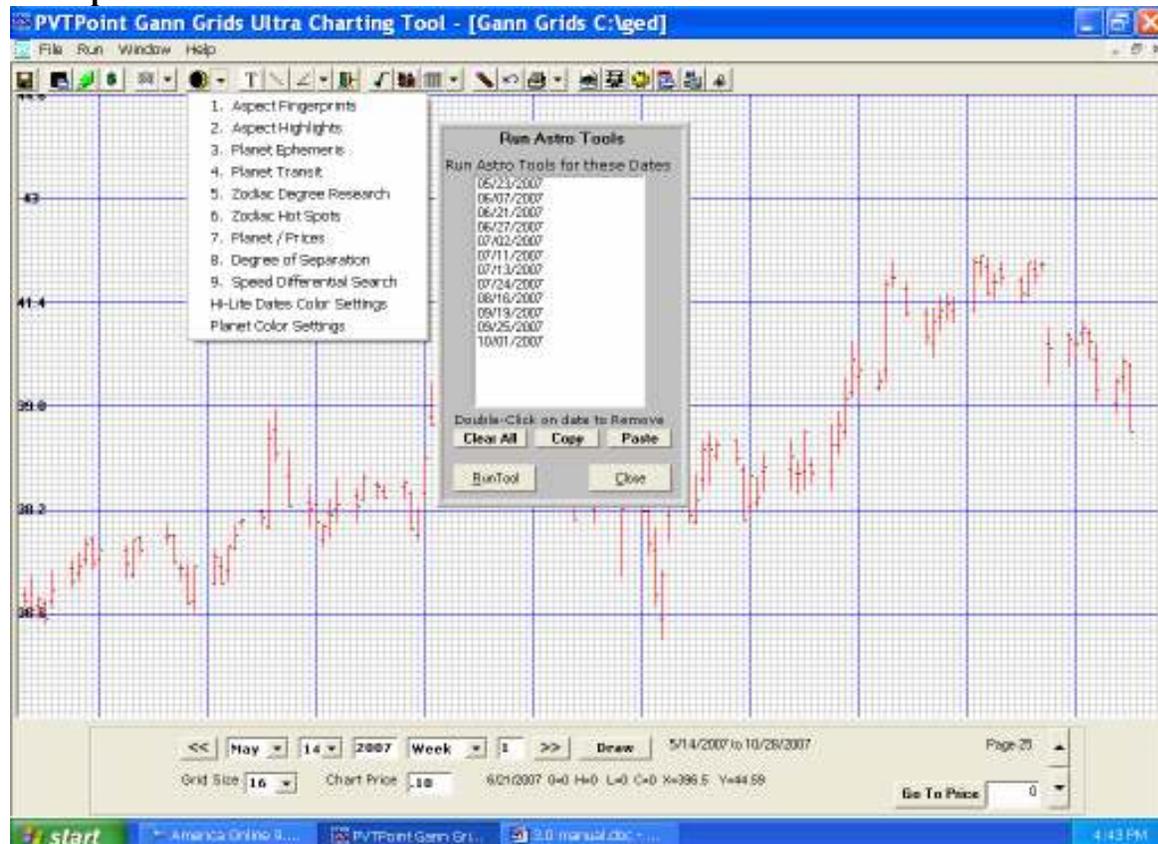
File button -is to save settings to a file, to open a file containing saved settings or to place the information on the screen in a text file.

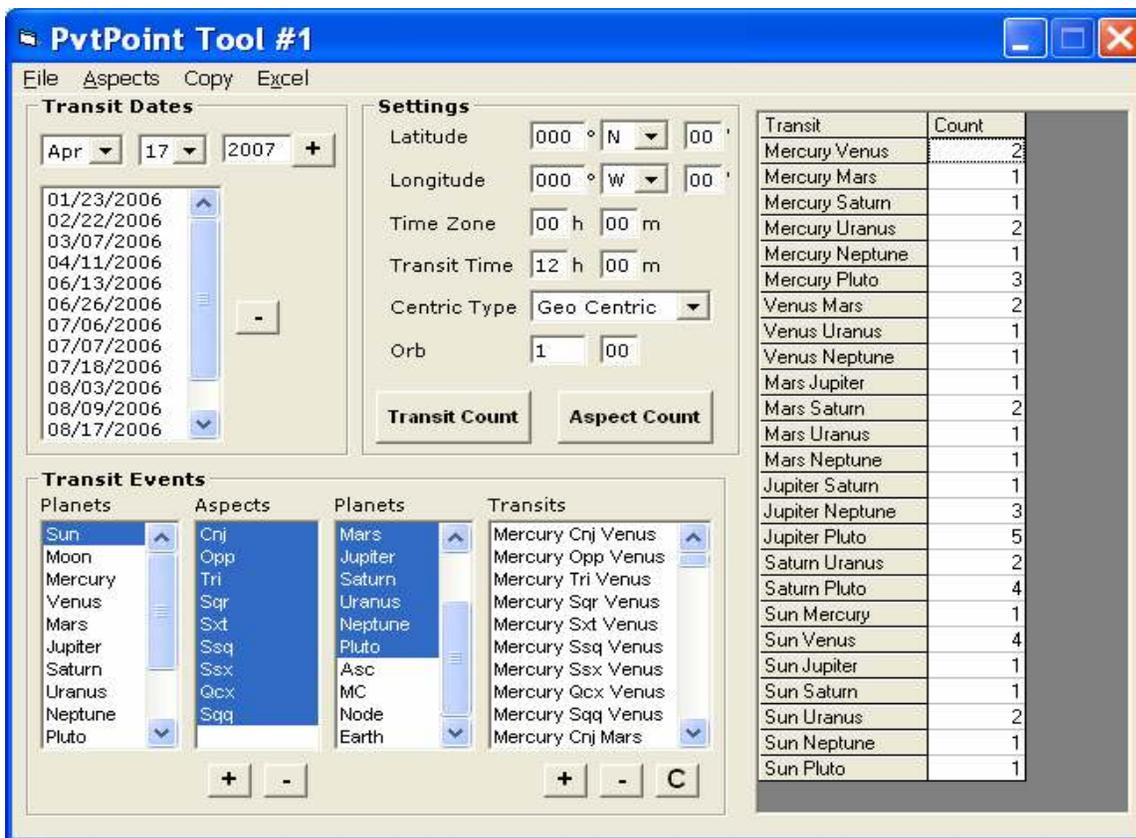
The Aspects button is used to modify your set of aspects by adding or deleting user set aspects.

The Copy button copies the list of transits generated to the clipboard.

The Excel button copies the list of transits generated to a spreadsheet.

Example



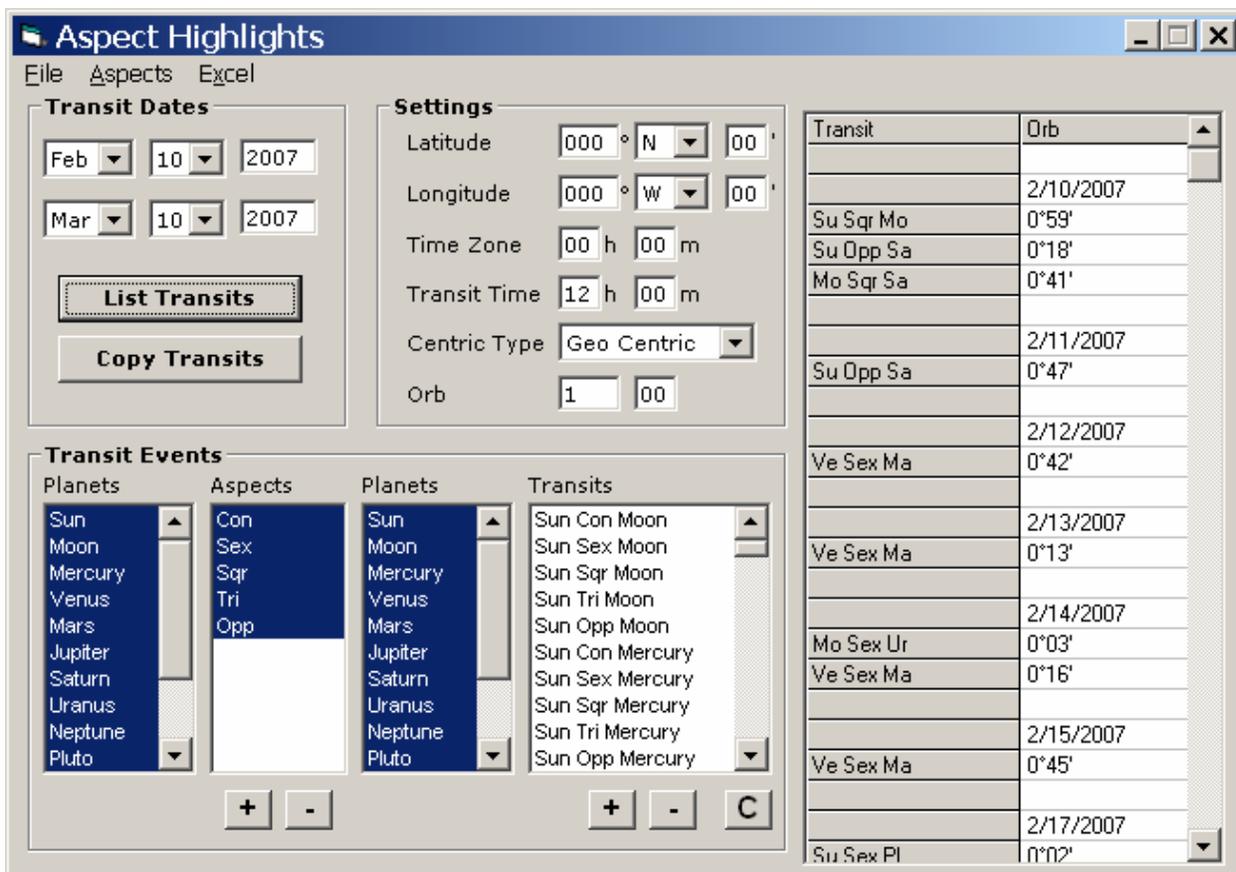


You can see on the right a series of combinations along with the number of times it was present around each date ...in this case 14 dates were selected with a 1 degree orb and in a geocentric format. You can also by clicking the “**transit count**” button exactly the type of aspect each combination is making.

Astro tool #2_Aspect highlight

Once a series of high probability aspects/combinations are found using tool # 1’s functions then tool # 2 takes over. What this tool does is allow the user to enter the exact planetary combination found to be consistent within tool # 1 research and search the heavens through a users set time period to find the dates the aspects will again occur.

Once the dates are located within tool # 2’s functions they can then be highlighted to the actual daily charts.



Select your settings and transit events (as in Tool #1). Press “+” to add transit events to the “Transits” list box. Press “List Transits” to populate the data grid. You may now transfer these dates and plot them on to your Gann Grids Ultra chart by clicking and dragging on the data grid. When you have finished highlighting the selected dates then right-click and a pop up menu will appear with two options. The first time you do this “Clear Clipboard”, then “Add to Clipboard”. You can keep adding different selections of dates to the clipboard. Once you are done, you can plot them on your grid. **Closing the tool is not necessary.** Just remember to **clear the clipboard for each set of dates** you wish to highlight, or they will be left on the clipboard and repeat.

Tool 2 Menu:

The File button saves settings to a file, opens a file containing saved settings, or to place the information on the screen in text format.

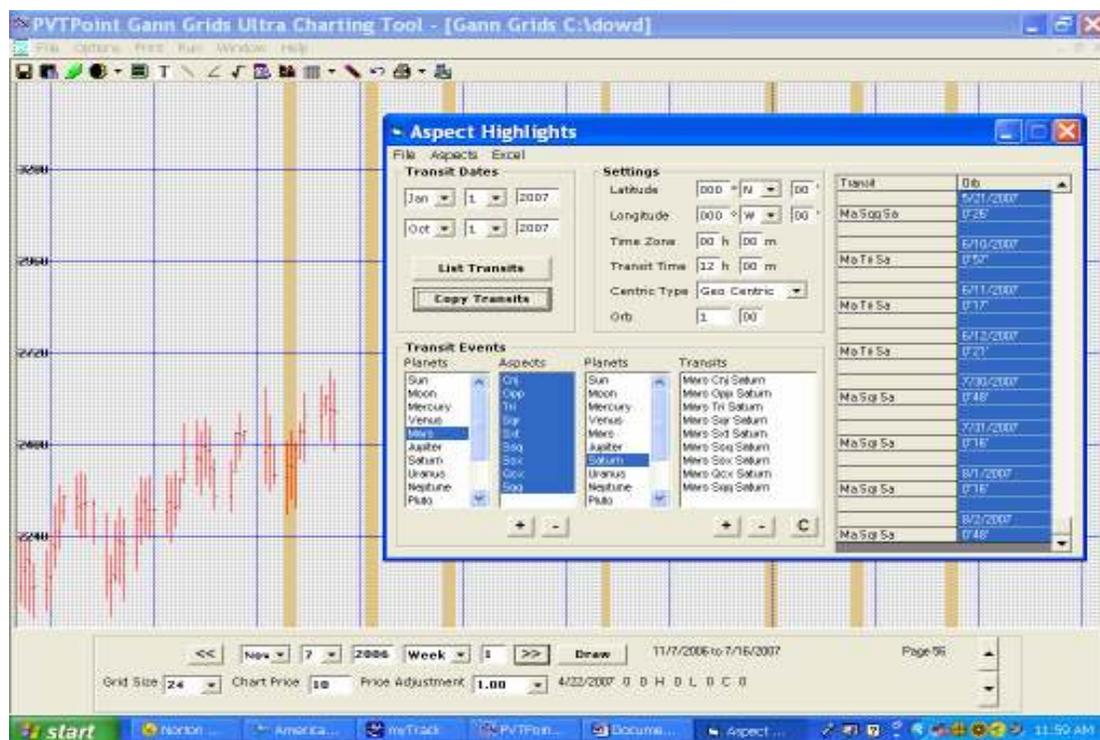
The Aspects button is used to modify your set of aspects by adding or deleting user defined sets.

The Excel button copies the list of transits generated to a spreadsheet.

Example

Say the aspects of mars /Saturn was found to be persistent in many of the high and low dates in tool #1, In tool # 2 you can scan a user set time frame looking for the dates in the future that the special planetary combinations are due. Each date can then be highlighted on the daily chart and in the color of your choice.

This example shows the highlighted dates of the Mars/Sat aspects from 1/01/07-10/01/07



Astro Tool 3 – Planet Ephemeris

With the ephemeris tool you can look for the dates of planetary retrograde periods, direct periods, eclipse hot degrees locations, zero north declination, zero south declination, max north and max south declination, planet ingresses into new signs, George Bayer’s mirror point locations and much more.

Within the new 3.0 version several new selections have been added, Latitude and Speed

You can also scroll through multiple months to find the date’s planets cross over the “**Hot Zodiac degrees**” found with the ‘Zodiac Hot Spot Locator Tool’ explained later.

Tool 3 lists ephemeris data by user defined dates. Enter your settings, press “Generate” to populate the data grid. This tool **does not** interact with the Gann Grids Ultra charts themselves.

The Excel button copies all your data to an Excel spreadsheet, which will open immediately. **Note...** Please be patient and wait for the spreadsheet to completely load before attempting to scroll, or modify because this may “lock” your screen causing it to be unresponsive. You will know when loading is complete after the column headings and dates turn pale yellow and the cursor changes to your default pointer.

This tool lists Geocentric, Heliocentric, right ascension and declination ephemeris going back 200 years in the past and up to 50 years into the future.

Geocentric ...areas in gray are retrograde dates and areas in red are planetary ingresses

Ephemeris

Equal

Settings

From **Feb** **10** 2007 Time Zone **W** **00** h **00** m Ephemeris **Ephemeris** **Generate**

To **Mar** **10** 2007 Time **12** h **00** m Centric Type **Geo Centric**

Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node	▲
2/10/2007	21°21' Aqu	22°21' Sco	9°3' Pis	16°36' Pis	18°18' Cap	15°28' Sag	21°38' Leo	13°22' Pis	19°34' Aqu	26°19' Sag	16°25' Pis	
2/11/2007	22°22' Aqu	4°37' Sag	9°36' Pis	17°49' Pis	19°1' Cap	15°37' Sag	21°35' Leo	13°25' Pis	19°36' Aqu	26°20' Sag	16°24' Pis	
2/12/2007	23°23' Aqu	17°12' Sag	9°58' Pis	18°4' Pis	19°48' Cap	15°46' Sag	21°30' Leo	13°28' Pis	19°38' Aqu	26°22' Sag	16°22' Pis	
2/13/2007	24°23' Aqu	0°9' Cap	10°11' Pis	20°18' Pis	20°31' Cap	15°54' Sag	21°25' Leo	13°32' Pis	19°40' Aqu	26°23' Sag	16°19' Pis	
2/14/2007	25°24' Aqu	13°32' Cap	10°13' Pis	21°32' Pis	21°18' Cap	16°3' Sag	21°20' Leo	13°36' Pis	19°43' Aqu	26°24' Sag	16°18' Pis	
2/15/2007	26°25' Aqu	27°19' Cap	10°4' Pis	22°46' Pis	22°1' Cap	16°11' Sag	21°15' Leo	13°39' Pis	19°45' Aqu	26°26' Sag	16°13' Pis	
2/16/2007	27°26' Aqu	11°30' Aqu	9°45' Pis	24°1' Pis	22°48' Cap	16°19' Sag	21°10' Leo	13°42' Pis	19°47' Aqu	26°27' Sag	16°10' Pis	
2/17/2007	28°26' Aqu	26°1' Aqu	9°16' Pis	25°15' Pis	23°32' Cap	16°27' Sag	21°5' Leo	13°45' Pis	19°50' Aqu	26°29' Sag	16°9' Pis	
2/18/2007	29°26' Aqu	10°48' Pis	8°38' Pis	26°29' Pis	24°17' Cap	16°36' Sag	21°1' Leo	13°49' Pis	19°52' Aqu	26°30' Sag	16°8' Pis	
2/19/2007	0°27' Pis	25°36' Pis	7°52' Pis	27°43' Pis	25°2' Cap	16°43' Sag	20°56' Leo	13°52' Pis	19°54' Aqu	26°31' Sag	16°8' Pis	
2/20/2007	1°27' Pis	10°25' Ari	6°58' Pis	28°57' Pis	25°47' Cap	16°50' Sag	20°51' Leo	13°56' Pis	19°56' Aqu	26°32' Sag	16°8' Pis	
2/21/2007	2°28' Pis	25°7' Ari	5°58' Pis	0°11' Ari	26°33' Cap	16°58' Sag	20°46' Leo	13°59' Pis	19°58' Aqu	26°34' Sag	16°10' Pis	
2/22/2007	3°28' Pis	9°36' Tau	4°58' Pis	1°25' Ari	27°18' Cap	17°5' Sag	20°42' Leo	14°2' Pis	20°1' Aqu	26°36' Sag	16°11' Pis	
2/23/2007	4°29' Pis	23°46' Tau	3°51' Pis	2°38' Ari	28°3' Cap	17°12' Sag	20°37' Leo	14°6' Pis	20°3' Aqu	26°38' Sag	16°12' Pis	
2/24/2007	5°29' Pis	7°39' Gem	2°45' Pis	3°52' Ari	28°49' Cap	17°19' Sag	20°32' Leo	14°9' Pis	20°5' Aqu	26°37' Sag	16°12' Pis	
2/25/2007	6°30' Pis	21°13' Gem	1°39' Pis	5°6' Ari	29°34' Cap	17°26' Sag	20°28' Leo	14°12' Pis	20°7' Aqu	26°38' Sag	16°12' Pis	
2/26/2007	7°30' Pis	4°30' Can	0°37' Pis	6°20' Ari	0°19' Aqu	17°33' Sag	20°23' Leo	14°16' Pis	20°10' Aqu	26°39' Sag	16°11' Pis	
2/27/2007	8°30' Pis	17°30' Can	25°38' Aqu	7°33' Ari	1°5' Aqu	17°39' Sag	20°19' Leo	14°19' Pis	20°12' Aqu	26°40' Sag	16°10' Pis	
2/28/2007	9°30' Pis	0°16' Leo	26°44' Aqu	8°47' Ari	1°50' Aqu	17°46' Sag	20°14' Leo	14°23' Pis	20°14' Aqu	26°41' Sag	16°9' Pis	

Heliocentric.

Ephemeris

Equal

Settings

From **Jan** **1** 2007 Time Zone **W** **00** h **00** m Ephemeris **Ephemeris** **Generate**

To **May** **16** 2007 Time **12** h **00** m Centric Type **Heli Centric**

Date	Earth	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node	▲
1/1/2007	10°41' Can	10°37' Can	0°7' Cap	18°34' Aqu	4°46' Sag	2°40' Sag	20°11' Leo	14°0' Pis	19°16' Aqu	26°37' Sag	0°0' Ari	
1/2/2007	11°42' Can	11°40' Can	2°55' Cap	20°9' Aqu	5°18' Sag	2°44' Sag	20°13' Leo	14°1' Pis	19°16' Aqu	26°37' Sag	0°0' Ari	
1/3/2007	12°43' Can	12°43' Can	5°44' Cap	21°44' Aqu	5°50' Sag	2°49' Sag	20°15' Leo	14°1' Pis	19°17' Aqu	26°38' Sag	0°0' Ari	
1/4/2007	13°44' Can	13°46' Can	8°34' Cap	23°19' Aqu	6°22' Sag	2°54' Sag	20°17' Leo	14°2' Pis	19°17' Aqu	26°38' Sag	0°0' Ari	
1/5/2007	14°45' Can	14°49' Can	11°27' Cap	24°54' Aqu	6°54' Sag	2°58' Sag	20°19' Leo	14°3' Pis	19°17' Aqu	26°38' Sag	0°0' Ari	
1/6/2007	15°46' Can	15°51' Can	14°21' Cap	26°29' Aqu	7°26' Sag	3°3' Sag	20°21' Leo	14°3' Pis	19°18' Aqu	26°39' Sag	0°0' Ari	
1/7/2007	16°47' Can	16°54' Can	17°17' Cap	28°4' Aqu	7°58' Sag	3°8' Sag	20°24' Leo	14°4' Pis	19°18' Aqu	26°39' Sag	0°0' Ari	
1/8/2007	17°48' Can	17°56' Can	20°16' Cap	29°39' Aqu	8°30' Sag	3°12' Sag	20°26' Leo	14°5' Pis	19°19' Aqu	26°39' Sag	0°0' Ari	
1/9/2007	18°50' Can	18°58' Can	23°18' Cap	1°14' Pis	9°2' Sag	3°17' Sag	20°28' Leo	14°5' Pis	19°19' Aqu	26°40' Sag	0°0' Ari	
1/10/2007	19°51' Can	20°0' Can	26°22' Cap	2°49' Pis	9°34' Sag	3°22' Sag	20°30' Leo	14°6' Pis	19°19' Aqu	26°40' Sag	0°0' Ari	
1/11/2007	20°52' Can	21°1' Can	29°29' Cap	4°24' Pis	10°6' Sag	3°26' Sag	20°32' Leo	14°6' Pis	19°20' Aqu	26°40' Sag	0°0' Ari	
1/12/2007	21°53' Can	22°2' Can	2°40' Aqu	6°0' Pis	10°39' Sag	3°31' Sag	20°34' Leo	14°7' Pis	19°20' Aqu	26°41' Sag	0°0' Ari	
1/13/2007	22°54' Can	23°3' Can	5°55' Aqu	7°35' Pis	11°11' Sag	3°36' Sag	20°37' Leo	14°8' Pis	19°20' Aqu	26°41' Sag	0°0' Ari	
1/14/2007	23°55' Can	24°3' Can	9°14' Aqu	9°10' Pis	11°43' Sag	3°41' Sag	20°39' Leo	14°8' Pis	19°21' Aqu	26°42' Sag	0°0' Ari	
1/15/2007	24°56' Can	25°3' Can	12°37' Aqu	10°45' Pis	12°16' Sag	3°45' Sag	20°41' Leo	14°9' Pis	19°21' Aqu	26°42' Sag	0°0' Ari	
1/16/2007	25°58' Can	26°3' Can	16°5' Aqu	12°20' Pis	12°48' Sag	3°50' Sag	20°43' Leo	14°10' Pis	19°21' Aqu	26°42' Sag	0°0' Ari	
1/17/2007	26°59' Can	27°2' Can	19°38' Aqu	13°55' Pis	13°21' Sag	3°55' Sag	20°45' Leo	14°10' Pis	19°22' Aqu	26°43' Sag	0°0' Ari	
1/18/2007	28°0' Can	28°1' Can	23°16' Aqu	15°31' Pis	13°53' Sag	3°59' Sag	20°47' Leo	14°11' Pis	19°22' Aqu	26°43' Sag	0°0' Ari	
1/19/2007	29°1' Can	29°0' Can	27°0' Aqu	17°6' Pis	14°26' Sag	4°4' Sag	20°50' Leo	14°12' Pis	19°23' Aqu	26°43' Sag	0°0' Ari	
1/20/2007	0°2' Leo	29°59' Can	0°51' Pis	18°41' Pis	14°59' Sag	4°9' Sag	20°52' Leo	14°12' Pis	19°23' Aqu	26°44' Sag	0°0' Ari	
1/21/2007	1°3' Leo	0°59' Leo	4°47' Pis	20°16' Pis	15°32' Sag	4°13' Sag	20°54' Leo	14°13' Pis	19°23' Aqu	26°44' Sag	0°0' Ari	
1/22/2007	2°4' Leo	1°58' Leo	8°51' Pis	21°52' Pis	16°5' Sag	4°18' Sag	20°56' Leo	14°14' Pis	19°24' Aqu	26°44' Sag	0°0' Ari	
1/23/2007	3°5' Leo	2°58' Leo	13°1' Pis	23°27' Pis	16°37' Sag	4°23' Sag	20°58' Leo	14°14' Pis	19°24' Aqu	26°45' Sag	0°0' Ari	
1/24/2007	4°6' Leo	3°58' Leo	17°20' Pis	25°2' Pis	17°10' Sag	4°27' Sag	21°0' Leo	14°15' Pis	19°24' Aqu	26°45' Sag	0°0' Ari	
1/25/2007	5°7' Leo	4°59' Leo	21°46' Pis	26°38' Pis	17°43' Sag	4°32' Sag	21°3' Leo	14°16' Pis	19°25' Aqu	26°46' Sag	0°0' Ari	
1/26/2007	6°8' Leo	6°0' Leo	26°21' Pis	26°13' Pis	18°16' Sag	4°37' Sag	21°5' Leo	14°16' Pis	19°25' Aqu	26°46' Sag	0°0' Ari	
1/27/2007	7°9' Leo	7°1' Leo	1°4' Ari	29°49' Pis	18°50' Sag	4°42' Sag	21°7' Leo	14°17' Pis	19°25' Aqu	26°46' Sag	0°0' Ari	
1/28/2007	8°10' Leo	8°3' Leo	5°56' Ari	1°24' Ari	19°23' Sag	4°46' Sag	21°9' Leo	14°17' Pis	19°26' Aqu	26°47' Sag	0°0' Ari	
1/29/2007	9°11' Leo	9°5' Leo	10°57' Ari	2°59' Ari	19°56' Sag	4°51' Sag	21°11' Leo	14°18' Pis	19°26' Aqu	26°47' Sag	0°0' Ari	
1/30/2007	10°12' Leo	10°7' Leo	16°7' Ari	4°35' Ari	20°29' Sag	4°56' Sag	21°13' Leo	14°19' Pis	19°26' Aqu	26°47' Sag	0°0' Ari	

Right Ascension in degrees

Ephemeris

Excel

Settings
 From Jan 1 2007 Time Zone W 00 h 00 m Ephemeris Right Ascension in Degrees
 To May 16 2007 Time 12 h 00 m Centric Type Geo Centric **Generate**

Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
1/1/2007	281°37'	072°23'	278°02'	298°59'	257°47'	246°39'	147°09'	343°16'	320°38'	266°56'	349°29'
1/2/2007	282°43'	067°55'	279°47'	300°19'	258°34'	246°52'	147°06'	343°16'	320°40'	266°58'	349°29'
1/3/2007	283°49'	103°11'	281°33'	301°38'	259°21'	247°05'	147°03'	343°20'	320°42'	267°00'	349°18'
1/4/2007	284°55'	117°43'	283°19'	302°57'	260°08'	247°18'	147°00'	343°22'	320°44'	267°03'	349°08'
1/5/2007	286°01'	131°14'	285°05'	304°16'	260°55'	247°31'	146°57'	343°24'	320°46'	267°05'	349°00'
1/6/2007	287°07'	143°44'	286°51'	305°35'	261°43'	247°44'	146°54'	343°26'	320°47'	267°07'	348°54'
1/7/2007	288°12'	155°20'	288°37'	306°53'	262°30'	247°56'	146°51'	343°28'	320°49'	267°09'	348°51'
1/8/2007	289°18'	166°17'	290°24'	308°11'	263°18'	248°09'	146°48'	343°30'	320°51'	267°11'	348°50'
1/9/2007	290°23'	176°51'	292°11'	309°29'	264°06'	248°22'	146°45'	343°32'	320°53'	267°14'	348°50'
1/10/2007	291°28'	187°16'	293°57'	310°46'	264°54'	248°34'	146°41'	343°35'	320°55'	267°16'	348°51'
1/11/2007	292°34'	197°54'	295°44'	312°03'	265°41'	248°47'	146°38'	343°37'	320°58'	267°18'	348°51'
1/12/2007	293°39'	208°57'	297°31'	313°20'	266°29'	248°59'	146°34'	343°39'	321°00'	267°20'	348°51'
1/13/2007	294°44'	220°40'	299°18'	314°37'	267°17'	249°11'	146°31'	343°42'	321°02'	267°22'	348°48'
1/14/2007	295°48'	233°16'	301°04'	315°53'	268°05'	249°23'	146°27'	343°44'	321°04'	267°24'	348°43'
1/15/2007	296°53'	246°51'	302°51'	317°08'	268°53'	249°36'	146°23'	343°46'	321°06'	267°27'	348°37'
1/16/2007	297°57'	261°21'	304°37'	318°24'	269°42'	249°48'	146°19'	343°49'	321°08'	267°29'	348°29'
1/17/2007	299°01'	276°26'	306°23'	319°39'	270°30'	250°00'	146°15'	343°51'	321°10'	267°31'	348°20'
1/18/2007	300°05'	291°40'	308°09'	320°54'	271°18'	250°12'	146°11'	343°54'	321°12'	267°33'	348°12'
1/19/2007	301°09'	306°33'	309°54'	322°08'	272°06'	250°23'	146°07'	343°56'	321°14'	267°35'	348°05'
1/20/2007	302°13'	320°49'	311°39'	323°22'	272°55'	250°35'	146°03'	343°59'	321°16'	267°37'	348°00'
1/21/2007	303°17'	334°24'	313°23'	324°36'	273°43'	250°47'	145°59'	344°01'	321°19'	267°39'	347°57'
1/22/2007	304°20'	347°25'	315°07'	325°50'	274°32'	250°58'	145°55'	344°04'	321°21'	267°41'	347°56'
1/23/2007	305°23'	000°07'	316°49'	327°03'	275°20'	251°10'	145°51'	344°06'	321°23'	267°43'	347°57'
1/24/2007	306°26'	012°49'	318°31'	328°16'	276°09'	251°21'	145°46'	344°09'	321°25'	267°45'	347°58'
1/25/2007	307°29'	025°48'	320°12'	329°28'	276°57'	251°32'	145°42'	344°12'	321°27'	267°47'	347°59'
1/26/2007	308°31'	039°19'	321°51'	330°40'	277°46'	251°44'	145°38'	344°14'	321°30'	267°49'	347°59'
1/27/2007	309°33'	053°31'	323°29'	331°52'	278°34'	251°55'	145°33'	344°17'	321°32'	267°51'	347°57'
1/28/2007	310°35'	068°20'	325°05'	333°04'	279°23'	252°06'	145°29'	344°20'	321°34'	267°52'	347°54'
1/29/2007	311°37'	083°30'	326°38'	334°15'	280°11'	252°17'	145°24'	344°23'	321°36'	267°54'	347°49'
1/30/2007	312°39'	098°35'	328°10'	335°26'	281°00'	252°27'	145°20'	344°26'	321°38'	267°56'	347°43'

Right Ascension in hours and minutes

Ephemeris

Excel

Settings
 From Jan 1 2007 Time Zone W 00 h 00 m Ephemeris Right Ascension in Hours
 To May 16 2007 Time 12 h 00 m Centric Type Geo Centric **Generate**

Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
1/1/2007	18:46	04:49	18:32	19:55	17:11	16:26	09:48	22:53	21:22	17:47	23:18
1/2/2007	18:50	05:51	18:39	20:01	17:14	16:27	09:48	22:53	21:22	17:47	23:17
1/3/2007	18:55	06:52	18:46	20:06	17:17	16:28	09:48	22:53	21:22	17:48	23:17
1/4/2007	18:59	07:50	18:53	20:11	17:20	16:29	09:48	22:53	21:22	17:48	23:16
1/5/2007	19:04	08:44	19:00	20:17	17:23	16:30	09:47	22:53	21:23	17:48	23:16
1/6/2007	19:08	09:34	19:07	20:22	17:26	16:30	09:47	22:53	21:23	17:48	23:15
1/7/2007	19:12	10:21	19:14	20:27	17:30	16:31	09:47	22:53	21:23	17:48	23:15
1/8/2007	19:17	11:05	19:21	20:32	17:33	16:32	09:47	22:54	21:23	17:48	23:15
1/9/2007	19:21	11:47	19:28	20:37	17:36	16:33	09:47	22:54	21:23	17:48	23:15
1/10/2007	19:25	12:29	19:35	20:43	17:39	16:34	09:46	22:54	21:23	17:49	23:15
1/11/2007	19:30	13:11	19:42	20:48	17:42	16:35	09:46	22:54	21:23	17:49	23:15
1/12/2007	19:34	13:55	19:50	20:53	17:45	16:35	09:46	22:54	21:24	17:49	23:15
1/13/2007	19:38	14:42	19:57	20:58	17:49	16:36	09:46	22:54	21:24	17:49	23:15
1/14/2007	19:43	15:33	20:04	21:03	17:52	16:37	09:45	22:54	21:24	17:49	23:14
1/15/2007	19:47	16:27	20:11	21:08	17:55	16:38	09:45	22:55	21:24	17:49	23:14
1/16/2007	19:51	17:25	20:18	21:13	17:58	16:39	09:45	22:55	21:24	17:49	23:13
1/17/2007	19:56	18:25	20:25	21:18	18:02	16:40	09:45	22:55	21:24	17:50	23:13
1/18/2007	20:00	19:26	20:32	21:23	18:05	16:40	09:44	22:55	21:24	17:50	23:12
1/19/2007	20:04	20:26	20:39	21:28	18:08	16:41	09:44	22:55	21:24	17:50	23:12
1/20/2007	20:08	21:23	20:46	21:33	18:11	16:42	09:44	22:55	21:25	17:50	23:12
1/21/2007	20:13	22:17	20:53	21:38	18:14	16:43	09:43	22:56	21:25	17:50	23:11
1/22/2007	20:17	23:09	21:00	21:43	18:18	16:43	09:43	22:56	21:25	17:50	23:11
1/23/2007	20:21	00:00	21:07	21:48	18:21	16:44	09:43	22:56	21:25	17:50	23:11
1/24/2007	20:25	00:51	21:14	21:53	18:24	16:45	09:43	22:56	21:25	17:51	23:11
1/25/2007	20:29	01:43	21:20	21:57	18:27	16:46	09:42	22:56	21:25	17:51	23:11
1/26/2007	20:34	02:37	21:27	22:02	18:31	16:46	09:42	22:56	21:26	17:51	23:11
1/27/2007	20:38	03:34	21:33	22:07	18:34	16:47	09:42	22:57	21:26	17:51	23:11
1/28/2007	20:42	04:33	21:40	22:12	18:37	16:48	09:41	22:57	21:26	17:51	23:11
1/29/2007	20:46	05:34	21:46	22:17	18:40	16:49	09:41	22:57	21:26	17:51	23:11
1/30/2007	20:50	06:34	21:52	22:21	18:44	16:49	09:41	22:57	21:26	17:51	23:10

Declination

Ephemeris Equal

Settings
 From: Jan 1, 2007 Time Zone: W 00 h 00 m Ephemeris: Declination
 To: May 16, 2007 Time: 12 h 00 m Centric Type: Geo Centric Generate

Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
1/1/2007	-023°00'	027°30'	-024°44'	-022°08'	-023°16'	-021°00'	014°30'	-007°55'	-015°36'	-016°32'	-004°26'
1/2/2007	-022°55'	028°23'	-024°42'	-021°54'	-023°20'	-021°02'	014°31'	-007°54'	-015°35'	-016°32'	-004°31'
1/3/2007	-022°48'	027°32'	-024°40'	-021°40'	-023°24'	-021°04'	014°33'	-007°54'	-015°35'	-016°32'	-004°36'
1/4/2007	-022°43'	025°07'	-024°35'	-021°25'	-023°28'	-021°05'	014°34'	-007°53'	-015°34'	-016°32'	-004°40'
1/5/2007	-022°37'	021°26'	-024°30'	-021°10'	-023°31'	-021°07'	014°35'	-007°52'	-015°34'	-016°32'	-004°43'
1/6/2007	-022°30'	016°51'	-024°22'	-020°54'	-023°35'	-021°09'	014°36'	-007°51'	-015°33'	-016°32'	-004°46'
1/7/2007	-022°23'	011°40'	-024°14'	-020°37'	-023°38'	-021°11'	014°38'	-007°50'	-015°32'	-016°32'	-004°47'
1/8/2007	-022°15'	006°08'	-024°04'	-020°20'	-023°40'	-021°13'	014°39'	-007°49'	-015°32'	-016°32'	-004°47'
1/9/2007	-022°07'	000°29'	-023°52'	-020°02'	-023°43'	-021°14'	014°40'	-007°48'	-015°31'	-016°32'	-004°47'
1/10/2007	-021°58'	-005°08'	-023°39'	-019°43'	-023°45'	-021°16'	014°41'	-007°47'	-015°31'	-016°32'	-004°47'
1/11/2007	-021°48'	-010°35'	-023°24'	-019°24'	-023°47'	-021°18'	014°43'	-007°46'	-015°30'	-016°32'	-004°47'
1/12/2007	-021°39'	-015°41'	-023°08'	-019°05'	-023°49'	-021°20'	014°44'	-007°45'	-015°29'	-016°32'	-004°47'
1/13/2007	-021°29'	-020°15'	-022°50'	-018°45'	-023°51'	-021°21'	014°46'	-007°44'	-015°29'	-016°32'	-004°48'
1/14/2007	-021°19'	-024°04'	-022°31'	-018°24'	-023°52'	-021°23'	014°47'	-007°43'	-015°28'	-016°32'	-004°50'
1/15/2007	-021°08'	-026°51'	-022°10'	-018°03'	-023°53'	-021°24'	014°49'	-007°42'	-015°27'	-016°32'	-004°53'
1/16/2007	-020°57'	-028°16'	-021°47'	-017°41'	-023°54'	-021°26'	014°50'	-007°41'	-015°27'	-016°32'	-004°56'
1/17/2007	-020°45'	-028°09'	-021°23'	-017°19'	-023°55'	-021°28'	014°52'	-007°40'	-015°26'	-016°32'	-004°57'
1/18/2007	-020°33'	-026°19'	-020°58'	-016°56'	-023°55'	-021°29'	014°53'	-007°39'	-015°25'	-016°32'	-005°03'
1/19/2007	-020°21'	-022°51'	-020°30'	-016°33'	-023°55'	-021°30'	014°55'	-007°38'	-015°25'	-016°32'	-005°06'
1/20/2007	-020°08'	-017°58'	-020°02'	-016°09'	-023°55'	-021°32'	014°56'	-007°37'	-015°24'	-016°32'	-005°08'
1/21/2007	-019°55'	-012°02'	-019°32'	-015°45'	-023°55'	-021°33'	014°58'	-007°36'	-015°23'	-016°32'	-005°10'
1/22/2007	-019°41'	-005°27'	-019°00'	-015°21'	-023°54'	-021°35'	014°59'	-007°35'	-015°23'	-016°33'	-005°10'
1/23/2007	-019°28'	001°24'	-018°27'	-014°56'	-023°53'	-021°36'	015°01'	-007°34'	-015°22'	-016°33'	-005°10'
1/24/2007	-019°13'	006°08'	-017°53'	-014°31'	-023°52'	-021°38'	015°02'	-007°33'	-015°21'	-016°33'	-005°09'
1/25/2007	-018°59'	014°25'	-017°17'	-014°05'	-023°51'	-021°39'	015°04'	-007°32'	-015°21'	-016°32'	-005°09'
1/26/2007	-018°44'	019°53'	-016°40'	-013°39'	-023°49'	-021°40'	015°06'	-007°31'	-015°20'	-016°32'	-005°09'
1/27/2007	-018°28'	024°13'	-016°02'	-013°13'	-023°47'	-021°41'	015°07'	-007°29'	-015°19'	-016°32'	-005°10'
1/28/2007	-018°13'	027°08'	-015°23'	-012°46'	-023°45'	-021°43'	015°09'	-007°28'	-015°19'	-016°32'	-005°11'
1/29/2007	-017°57'	028°26'	-014°43'	-012°19'	-023°43'	-021°44'	015°11'	-007°27'	-015°18'	-016°32'	-005°13'
1/30/2007	-017°41'	028°03'	-014°02'	-011°51'	-023°40'	-021°45'	015°12'	-007°26'	-015°17'	-016°32'	-005°15'

LATITUDE

Ephemeris Equal

Settings
 From: Sep 12, 2007 Time Zone: W 00 h 00 m Ephemeris: Latitude
 To: Dec 12, 2007 Time: 12 h 00 m Centric Type: Geo Centric Generate

Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
9/12/2007	-000°00'	-002°04'	-000°39'	-005°22'	-000°30'	000°23'	001°18'	-000°48'	-000°17'	006°41'	000°00'
9/13/2007	-000°00'	-003°02'	-000°47'	-006°12'	-000°29'	000°23'	001°18'	-000°48'	-000°17'	006°41'	000°00'
9/14/2007	-000°00'	-003°51'	-000°55'	-006°03'	-000°28'	000°23'	001°18'	-000°48'	-000°17'	006°40'	000°00'
9/15/2007	-000°00'	-004°30'	-001°03'	-005°53'	-000°26'	000°23'	001°19'	-000°48'	-000°17'	006°40'	000°00'
9/16/2007	-000°00'	-004°58'	-001°11'	-005°43'	-000°25'	000°23'	001°19'	-000°48'	-000°17'	006°40'	000°00'
9/17/2007	-000°00'	-005°12'	-001°19'	-005°33'	-000°24'	000°22'	001°19'	-000°48'	-000°17'	006°39'	000°00'
9/18/2007	-000°00'	-005°14'	-001°27'	-005°23'	-000°22'	000°22'	001°19'	-000°48'	-000°17'	006°39'	000°00'
9/19/2007	-000°00'	-005°01'	-001°35'	-005°14'	-000°21'	000°22'	001°19'	-000°48'	-000°17'	006°39'	000°00'
9/20/2007	-000°00'	-004°34'	-001°43'	-005°04'	-000°19'	000°22'	001°19'	-000°48'	-000°17'	006°39'	000°00'
9/21/2007	-000°00'	-003°54'	-001°51'	-004°54'	-000°18'	000°22'	001°19'	-000°48'	-000°17'	006°38'	000°00'
9/22/2007	-000°00'	-003°00'	-001°59'	-004°44'	-000°17'	000°22'	001°19'	-000°48'	-000°17'	006°38'	000°00'
9/23/2007	-000°00'	-001°55'	-002°06'	-004°34'	-000°15'	000°21'	001°20'	-000°48'	-000°17'	006°38'	000°00'
9/24/2007	000°00'	-000°41'	-002°13'	-004°24'	-000°14'	000°21'	001°20'	-000°48'	-000°17'	006°37'	000°00'
9/25/2007	000°00'	000°37'	-002°21'	-004°15'	-000°12'	000°21'	001°20'	-000°48'	-000°17'	006°37'	000°00'
9/26/2007	000°00'	001°55'	-002°28'	-004°05'	-000°11'	000°21'	001°20'	-000°48'	-000°17'	006°37'	000°00'
9/27/2007	000°00'	003°06'	-002°35'	-003°56'	-000°09'	000°21'	001°20'	-000°48'	-000°17'	006°36'	000°00'
9/28/2007	000°00'	004°05'	-002°41'	-003°46'	-000°08'	000°21'	001°20'	-000°48'	-000°17'	006°36'	000°00'
9/29/2007	000°00'	004°47'	-002°46'	-003°37'	-000°06'	000°20'	001°20'	-000°48'	-000°17'	006°36'	000°00'
9/30/2007	000°00'	005°09'	-002°54'	-003°27'	-000°04'	000°20'	001°21'	-000°48'	-000°17'	006°35'	000°00'
10/1/2007	000°00'	005°10'	-002°59'	-003°18'	-000°03'	000°20'	001°21'	-000°48'	-000°17'	006°35'	000°00'
10/2/2007	000°00'	004°52'	-003°05'	-003°09'	-000°01'	000°20'	001°21'	-000°48'	-000°17'	006°35'	000°00'
10/3/2007	000°00'	004°18'	-003°09'	-003°00'	000°00'	000°20'	001°21'	-000°48'	-000°17'	006°34'	000°00'
10/4/2007	000°00'	003°30'	-003°14'	-002°51'	000°01'	000°20'	001°21'	-000°48'	-000°17'	006°34'	000°00'
10/5/2007	000°00'	002°33'	-003°18'	-002°42'	000°03'	000°20'	001°21'	-000°48'	-000°17'	006°34'	000°00'
10/6/2007	000°00'	001°29'	-003°21'	-002°33'	000°05'	000°19'	001°21'	-000°48'	-000°17'	006°34'	000°00'

SPEED

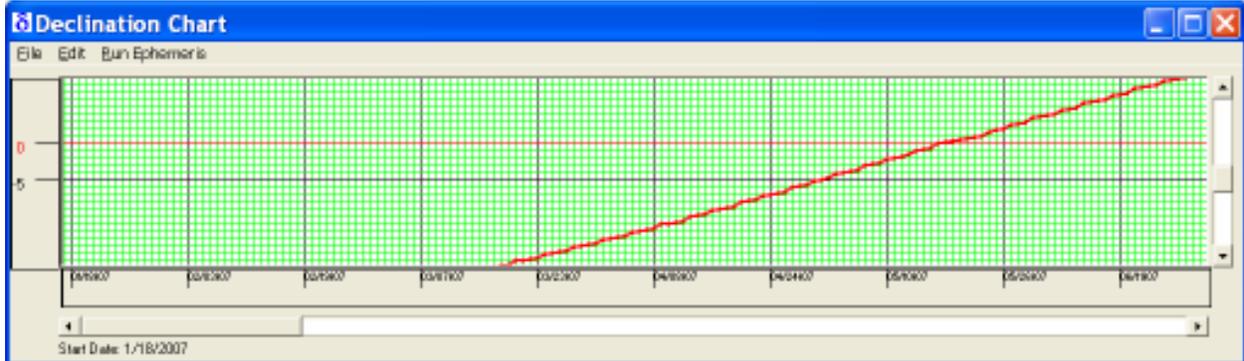
Ephemeris											
Settings											
From Sep 12 2007		Time Zone W		00 h 00 m		Ephemeris Speed				Generate	
To Dec 12 2007		Time 12 h 00 m		Centric Type Geo Centric							
Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
9/12/2007	00°58'23"	12°07'50"	01°26'59"	00°08'40"	00°32'17"	00°06'16"	00°07'23"	00°02'24"	00°01'22"	00°00'09"	00°01'10"
9/13/2007	00°58'25"	11°59'52"	01°25'46"	00°10'49"	00°32'02"	00°06'25"	00°07'22"	00°02'24"	00°01'21"	00°00'11"	00°01'46"
9/14/2007	00°58'27"	11°53'60"	01°24'32"	00°12'54"	00°31'46"	00°06'34"	00°07'21"	00°02'23"	00°01'20"	00°00'13"	00°02'12"
9/15/2007	00°58'29"	11°50'45"	01°23'16"	00°14'56"	00°31'30"	00°06'42"	00°07'19"	00°02'23"	00°01'19"	00°00'15"	00°02'22"
9/16/2007	00°58'30"	11°50'40"	01°21'59"	00°16'54"	00°31'14"	00°06'51"	00°07'17"	00°02'23"	00°01'18"	00°00'17"	00°02'14"
9/17/2007	00°58'32"	11°54'17"	01°20'39"	00°18'49"	00°30'57"	00°06'60"	00°07'16"	00°02'22"	00°01'16"	00°00'19"	00°01'46"
9/18/2007	00°58'34"	12°02'03"	01°19'17"	00°20'41"	00°30'41"	00°07'08"	00°07'14"	00°02'22"	00°01'15"	00°00'21"	00°01'02"
9/19/2007	00°58'35"	12°14'15"	01°17'52"	00°22'29"	00°30'23"	00°07'17"	00°07'12"	00°02'21"	00°01'14"	00°00'23"	00°00'10"
9/20/2007	00°58'37"	12°30'57"	01°16'23"	00°24'13"	00°30'06"	00°07'25"	00°07'10"	00°02'20"	00°01'12"	00°00'25"	00°00'40"
9/21/2007	00°58'39"	12°51'15"	01°14'51"	00°25'54"	00°29'48"	00°07'33"	00°07'08"	00°02'20"	00°01'11"	00°00'27"	00°01'17"
9/22/2007	00°58'40"	13°16'10"	01°13'14"	00°27'32"	00°29'31"	00°07'41"	00°07'06"	00°02'19"	00°01'10"	00°00'29"	00°01'32"
9/23/2007	00°58'42"	13°42'33"	01°11'32"	00°29'06"	00°29'12"	00°07'49"	00°07'04"	00°02'18"	00°01'09"	00°00'30"	00°01'17"
9/24/2007	00°58'44"	14°09'00"	01°09'43"	00°30'38"	00°28'54"	00°07'57"	00°07'02"	00°02'17"	00°01'07"	00°00'32"	00°00'33"
9/25/2007	00°58'46"	14°32'59"	01°07'49"	00°32'06"	00°28'35"	00°08'05"	00°06'60"	00°02'17"	00°01'06"	00°00'34"	00°00'34"
9/26/2007	00°58'47"	14°51'43"	01°05'46"	00°33'31"	00°28'16"	00°08'13"	00°06'57"	00°02'16"	00°01'04"	00°00'36"	00°01'52"
9/27/2007	00°58'49"	15°02'45"	01°03'36"	00°34'54"	00°27'56"	00°08'20"	00°06'55"	00°02'15"	00°01'03"	00°00'38"	00°03'05"
9/28/2007	00°58'52"	15°04'36"	01°01'15"	00°36'13"	00°27'36"	00°08'28"	00°06'53"	00°02'13"	00°01'01"	00°00'40"	00°03'54"
9/29/2007	00°58'54"	14°57'14"	00°58'44"	00°37'30"	00°27'16"	00°08'35"	00°06'50"	00°02'12"	00°00'60"	00°00'42"	00°04'07"
9/30/2007	00°58'56"	14°42'01"	00°56'01"	00°38'44"	00°26'55"	00°08'43"	00°06'48"	00°02'11"	00°00'58"	00°00'44"	00°03'40"
10/1/2007	00°58'59"	14°21'21"	00°53'04"	00°39'55"	00°26'33"	00°08'50"	00°06'45"	00°02'10"	00°00'56"	00°00'46"	00°02'39"
10/2/2007	00°59'01"	13°57'59"	00°49'52"	00°41'04"	00°26'11"	00°08'57"	00°06'43"	00°02'08"	00°00'55"	00°00'47"	00°01'17"
10/3/2007	00°59'03"	13°34'22"	00°46'24"	00°42'10"	00°25'49"	00°09'04"	00°06'40"	00°02'07"	00°00'53"	00°00'49"	00°00'06"
10/4/2007	00°59'05"	13°12'18"	00°42'36"	00°43'13"	00°25'28"	00°09'11"	00°06'37"	00°02'06"	00°00'52"	00°00'51"	00°01'09"
10/5/2007	00°59'08"	12°52'53"	00°38'28"	00°44'14"	00°25'02"	00°09'18"	00°06'34"	00°02'04"	00°00'50"	00°00'53"	00°01'39"
10/6/2007	00°59'10"	12°36'35"	00°33'58"	00°45'13"	00°24'38"	00°09'25"	00°06'31"	00°02'03"	00°00'48"	00°00'55"	00°01'25"

This tool also has an added feature in the 3.0 version! You can now view the Declination and Latitude of each planet one at a time or all at once in a graphical format. This format can be accessed from the special drop down box located on the main screen's tool bar.



What this tool does is allow the user to view several planets declination or latitude as an overlay used for locating crossovers dates

For Declination

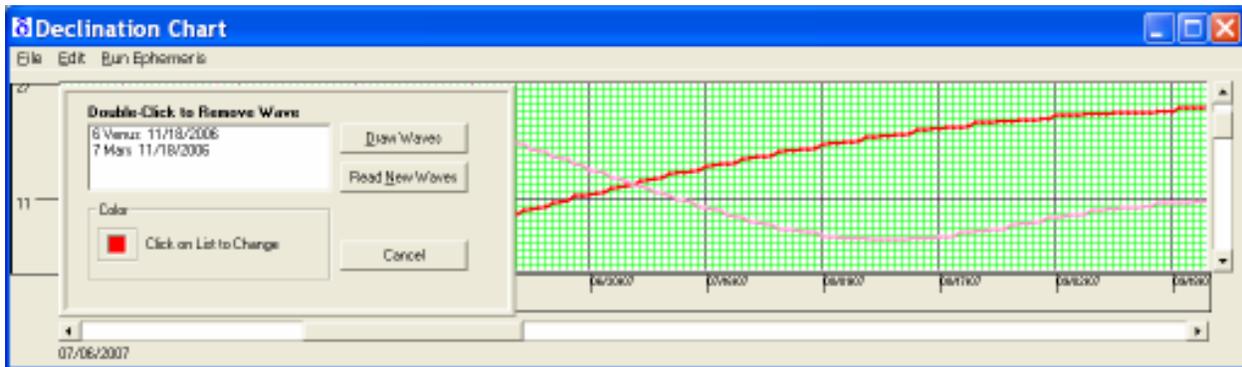


After clicking on the Declination function the above screen will appear. Next click on the Run ephemeris button to open up the ephemeris and set to Declination then set time period you wish to view. Once this is done select the planet by left clicking on the planets name column and the whole column will be highlighted all at once. Then click the “File” button and “Create Planet Log file” link. This will send the needed data to the tool.

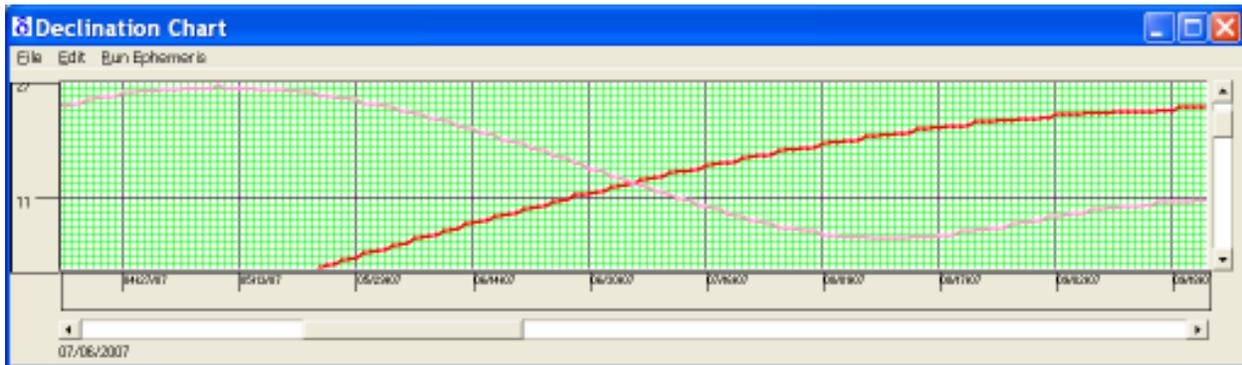
Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
11/18/2006	-019°15'	-013°42'	-012°23'	-020°15'	-016°57'	-019°10'	014°15'	-008°14'	-015°54'	-016°23'	-002°33'
11/19/2006	-019°25'	-018°34'	-012°21'	-020°13'	-017°09'	-019°13'	014°14'	-008°14'	-015°54'	-016°24'	-002°36'
11/20/2006	-019°43'	-022°46'	-012°24'	-020°19'	-017°21'	-019°16'	014°14'	-008°14'	-015°53'	-016°24'	-002°40'
11/21/2006	-019°56'	-025°58'	-012°31'	-021°05'	-017°33'	-019°18'	014°14'	-008°14'	-015°53'	-016°24'	-002°45'
11/22/2006	-020°09'	-027°56'	-012°42'	-021°21'	-017°44'	-019°21'	014°13'	-008°14'	-015°53'	-016°24'	-002°50'
11/23/2006	-020°22'	-028°24'	-012°56'	-021°36'	-017°56'	-019°24'	014°13'	-008°13'	-015°53'	-016°25'	-002°54'
11/24/2006	-020°34'	-027°17'	-013°14'	-021°50'	-018°07'	-019°27'	014°13'	-008°13'	-015°52'	-016°25'	-002°58'
11/25/2006	-020°46'	-024°35'	-013°33'	-022°04'	-018°19'	-019°30'	014°13'	-008°13'	-015°52'	-016°25'	-003°01'
11/26/2006	-020°57'	-020°31'	-013°55'	-022°17'	-018°30'	-019°33'	014°12'	-008°13'	-015°52'	-016°25'	-003°03'
11/27/2006	-021°09'	-015°17'	-014°18'	-022°29'	-018°41'	-019°36'	014°12'	-008°13'	-015°52'	-016°26'	-003°04'
11/28/2006	-021°19'	-009°13'	-014°43'	-022°41'	-018°52'	-019°39'	014°12'	-008°13'	-015°51'	-016°26'	-003°04'
11/29/2006	-021°30'	-002°37'	-015°08'	-022°52'	-019°03'	-019°41'	014°12'	-008°13'	-015°51'	-016°26'	-003°04'
11/30/2006	-021°39'	004°10'	-015°34'	-023°02'	-019°13'	-019°44'	014°12'	-008°12'	-015°51'	-016°26'	-003°04'
12/1/2006	-021°48'	010°50'	-016°01'	-023°12'	-019°24'	-019°47'	014°12'	-008°12'	-015°50'	-016°27'	-003°05'
12/2/2006	-021°58'	016°58'	-016°28'	-023°21'	-019°34'	-019°50'	014°12'	-008°12'	-015°50'	-016°27'	-003°05'
12/3/2006	-022°07'	022°07'	-016°55'	-023°29'	-019°44'	-019°52'	014°12'	-008°12'	-015°50'	-016°27'	-003°11'
12/4/2006	-022°15'	025°55'	-017°23'	-023°36'	-019°54'	-019°55'	014°12'	-008°11'	-015°49'	-016°27'	-003°15'
12/5/2006	-022°23'	028°00'	-017°50'	-023°43'	-020°04'	-019°58'	014°12'	-008°11'	-015°49'	-016°27'	-003°20'
12/6/2006	-022°30'	028°17'	-018°16'	-023°49'	-020°13'	-020°00'	014°13'	-008°11'	-015°49'	-016°28'	-003°25'

After this go back to the Declination screen and click on the “Edit” button, then “Read new waves”

Important- only 1 planet can be sent to the log file at a time!



In this case Venus (pink) and Mars (Red) were selected from Nov. 18 2006 – Dec. 18 2007



To view any date on this chart just “left” click on the desired point and the date will appear at the bottom left of this chart.

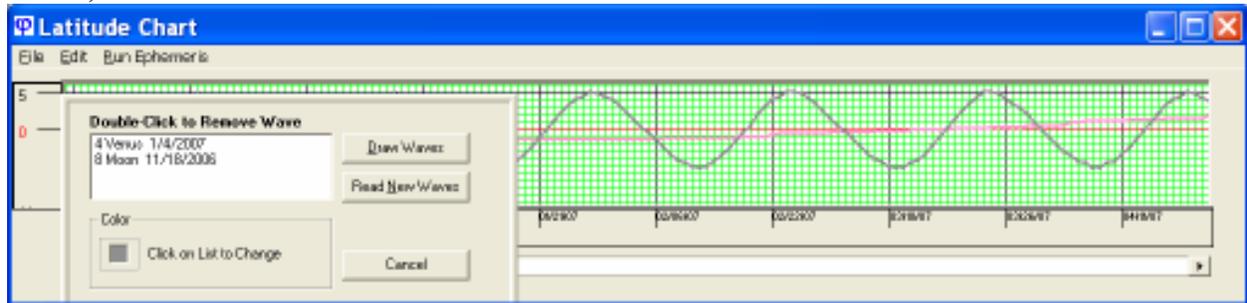
The Latitude chart

The Latitude chart is set up in exactly the same way as the Declination chart with 1 exception. When you pull up the ephemeris tool just click on the “**Latitude setting**” instead of Declination

The screenshot shows the 'Ephemeris' window with the 'Ephemeris' dropdown set to 'Latitude'. The table below shows the latitude data for various celestial bodies over a period of 18 days in late 2006.

Date	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Node
11/18/2006	-000°00'	-002°54'	002°15'	000°11'	000°08'	000°43'	001°03'	-000°46'	-000°13'	006°58'	000°00'
11/19/2006	-000°00'	-003°43'	002°20'	000°09'	000°08'	000°43'	001°03'	-000°46'	-000°13'	006°57'	000°00'
11/20/2006	-000°00'	-004°21'	002°24'	000°07'	000°07'	000°43'	001°03'	-000°46'	-000°13'	006°57'	000°00'
11/21/2006	-000°00'	-004°48'	002°26'	000°04'	000°06'	000°43'	001°03'	-000°46'	-000°13'	006°57'	000°00'
11/22/2006	-000°00'	-005°01'	002°27'	000°02'	000°06'	000°43'	001°04'	-000°46'	-000°13'	006°57'	000°00'
11/23/2006	-000°00'	-004°58'	002°26'	-000°00'	000°05'	000°43'	001°04'	-000°46'	-000°13'	006°57'	000°00'
11/24/2006	-000°00'	-004°40'	002°25'	-000°02'	000°05'	000°43'	001°04'	-000°46'	-000°13'	006°56'	000°00'
11/25/2006	-000°00'	-004°06'	002°22'	-000°05'	000°04'	000°43'	001°04'	-000°46'	-000°13'	006°56'	000°00'
11/26/2006	-000°00'	-003°18'	002°19'	-000°07'	000°03'	000°43'	001°04'	-000°46'	-000°13'	006°56'	000°00'
11/27/2006	-000°00'	-002°18'	002°16'	-000°09'	000°03'	000°43'	001°05'	-000°46'	-000°13'	006°56'	000°00'
11/28/2006	-000°00'	-001°09'	002°11'	-000°12'	000°02'	000°42'	001°05'	-000°46'	-000°13'	006°56'	000°00'
11/29/2006	-000°00'	000°04'	002°05'	-000°14'	000°02'	000°42'	001°05'	-000°46'	-000°13'	006°56'	000°00'
11/30/2006	000°00'	001°19'	002°00'	-000°17'	000°01'	000°42'	001°05'	-000°46'	-000°13'	006°55'	000°00'
12/1/2006	000°00'	002°29'	001°54'	-000°19'	000°00'	000°42'	001°06'	-000°46'	-000°13'	006°55'	000°00'
12/2/2006	000°00'	003°30'	001°48'	-000°21'	000°00'	000°42'	001°06'	-000°46'	-000°13'	006°55'	000°00'
12/3/2006	000°00'	004°18'	001°41'	-000°24'	-000°00'	000°42'	001°06'	-000°46'	-000°13'	006°55'	000°00'
12/4/2006	000°00'	004°48'	001°34'	-000°26'	-000°00'	000°42'	001°06'	-000°46'	-000°13'	006°55'	000°00'
12/5/2006	000°00'	005°00'	001°27'	-000°28'	-000°01'	000°42'	001°06'	-000°46'	-000°13'	006°55'	000°00'
12/6/2006	000°00'	004°53'	001°20'	-000°31'	-000°02'	000°42'	001°07'	-000°46'	-000°13'	006°54'	000°00'

Moon, Venus Latitude



Astro Tool 4 – Planet Transit

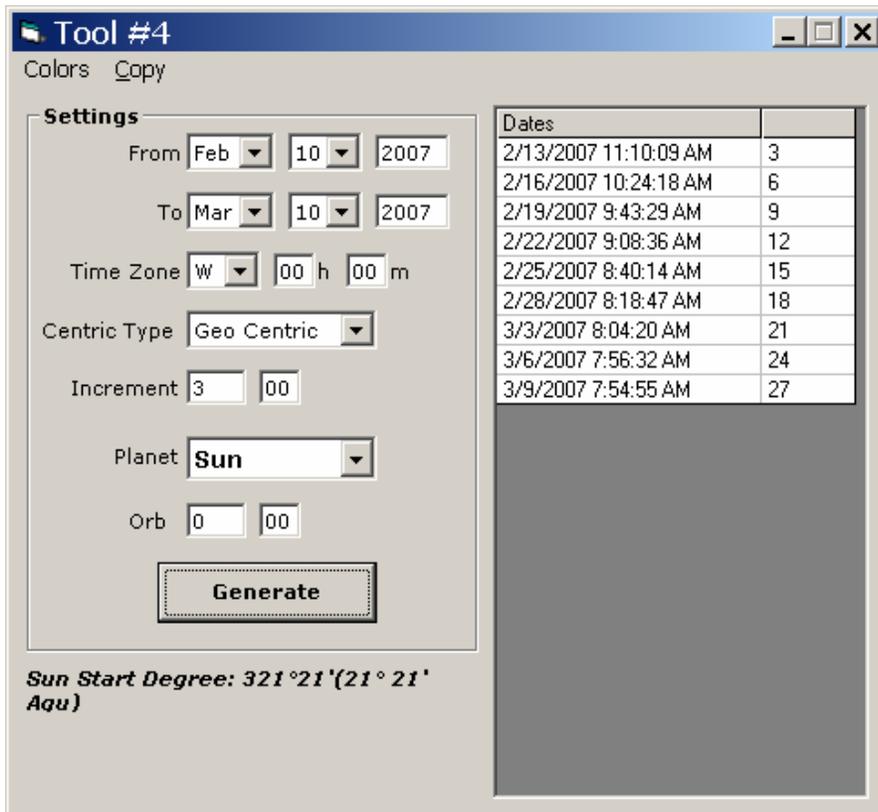
This planet transit tool takes the theories of both Gann and Bayer to a whole new level! This tool will take the zodiac location of any planet from any date and finds a user defined aspect degree within a user set time period.

This tool is used to find the exact dates each planet makes aspects to itself from a unique starting location. Gann and Bayer found this concept to be useful as they found many trend change dates could be calculated into the future with it.

Each realized when dates from multiple tops and bottoms were found clustering (from this unique single planet research) around single dates in the future a more accurate and higher probability forecast could be made.

The user also controls the aspect degree to be used as well as the ephemeris type, Heliocentric or Geocentric. The dates found could then be highlighted onto the daily charts if desired.

Enter your settings, press “Generate” to populate the data grid. You may now transfer these dates and plot them on to your Gann Grids Ultra chart by clicking and dragging on the data grid. When you have highlighted the selection, press “Copy” on the menu bar. Once you are done, you can plot the dates on your grid.



Tool 4 Menu: “Colors” – allows the user to pre-select the colors of your planets.



This **example** shows the “Sun” starting on 3/21/2006 -4/21/2007 and finding the dates it reaches all 30 degree aspects to itself for 1 year.

Tool #4

Colors Copy

Settings

From Mar 21 2006

To Mar 21 2007

Time Zone W 00 h 00 m

Centric Type Geo Centric

Increment 30 00

Planet Sun

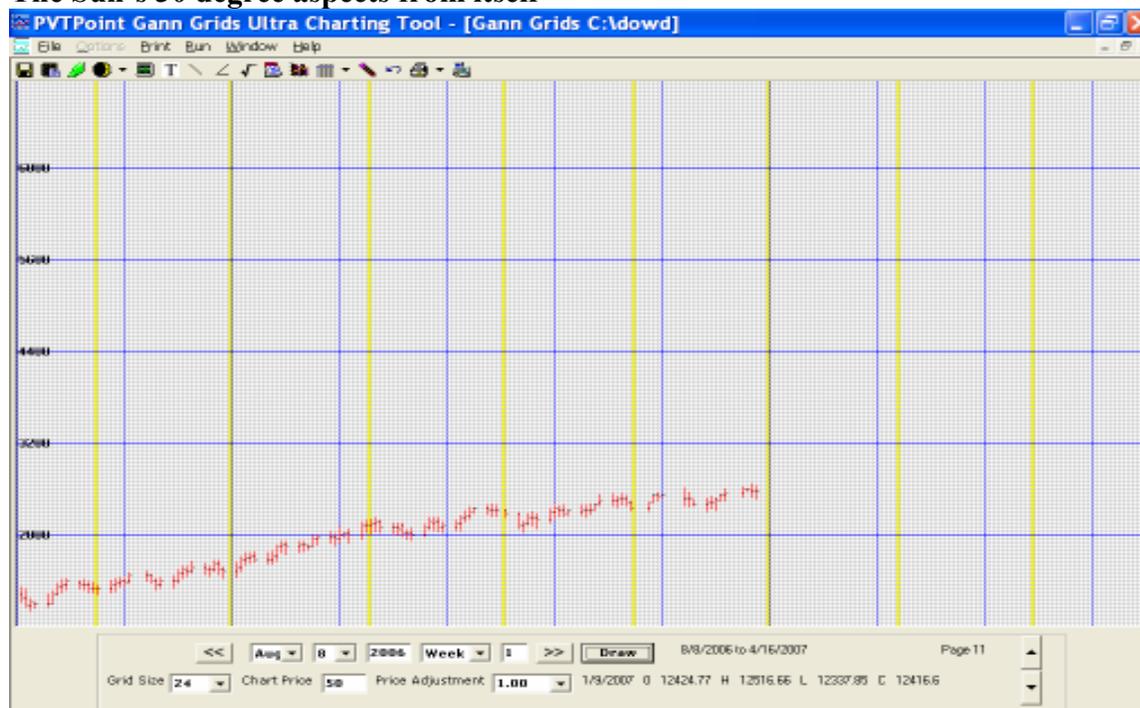
Orb 0 00

Generate

Sun Start Degree: 000°43'(0° 43' Ari)

Dates		
4/20/2006 11:18:46 PM		30
5/21/2006 10:40:05 PM		60
6/22/2006 6:43:06 AM		90
7/23/2006 5:34:02 PM		120
8/24/2006 12:28:46 AM		150
9/23/2006 9:52:56 PM		180
10/24/2006 6:57:37 AM		210
11/23/2006 4:17:46 AM		240
12/22/2006 5:29:57 PM		270
1/21/2007 4:09:27 AM		300
2/19/2007 6:27:03 PM		330
3/21/2007 5:41:27 PM		0

The Sun's 30 degree aspects from itself



Astro Tool 5 – Planet Transit

This tool takes any zodiac location, say the location of an eclipse, retro or direct degree, special zodiac degrees of asteroids, fixed stars, George Bayer’s mirror points and others and find the dates each planet makes a user defined aspect to it in a user set time period.

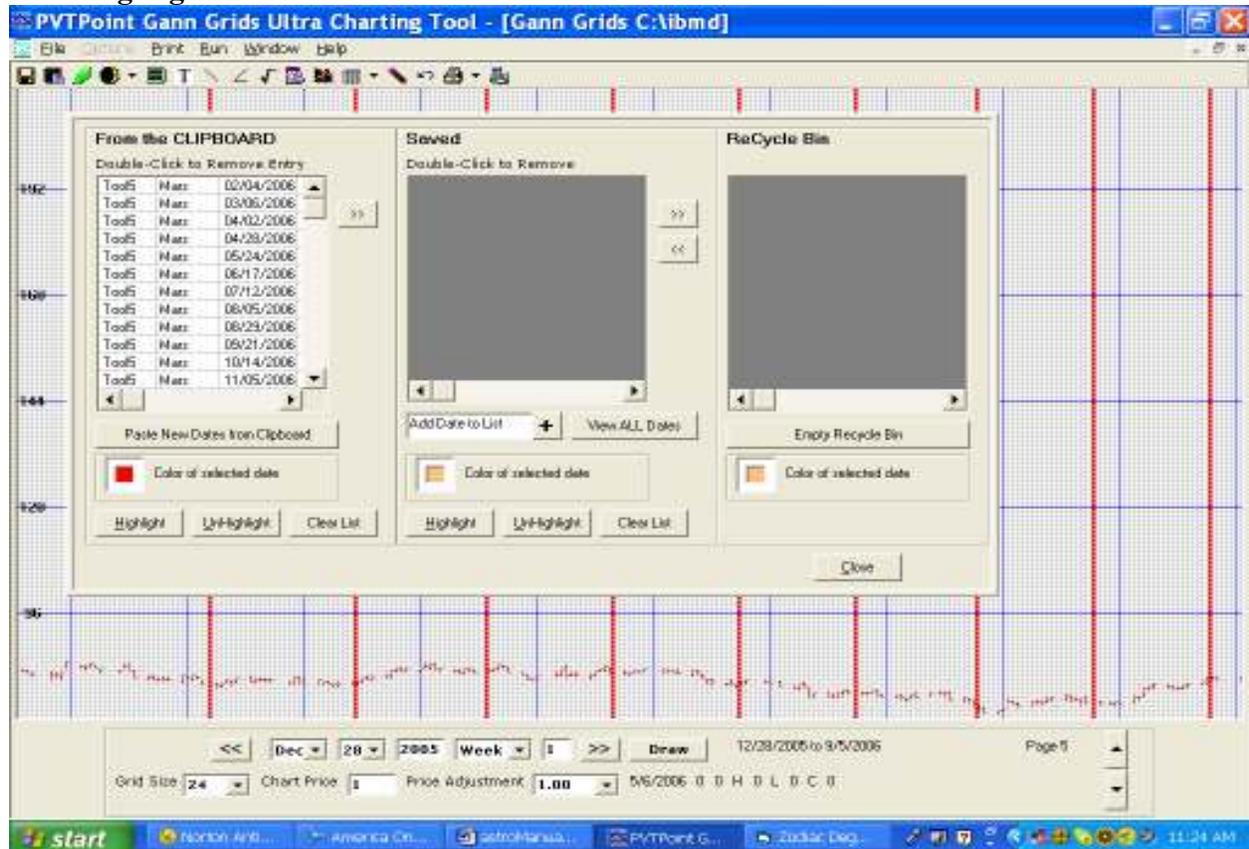
This mundane energy degree research is a fascinating study in itself and highlights many major and minor trend change periods in both individual and the overall markets.

This example shows the 3/29/06 total solar eclipse degree of 8 Aries 35 min. and finding the dates each planet makes all 15 degree aspects to it from 1/01/06-5/30/07.

Example 1a

Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto
1/13/2006 - 285	1/1/2006 - 285	1/9/2006 - 270	1/14/2006 - 285	2/4/2006 - 45	0/25/2006 - 225	1/19/2006 - 120	1/21/2006 - 330		
1/28/2006 - 300	1/2/2006 - 300	1/18/2006 - 285	2/24/2006 - 285	3/6/2006 - 60	1/2/2007 - 240	6/16/2006 - 120			
2/12/2006 - 315	1/3/2006 - 315	1/27/2006 - 300	3/15/2006 - 300	4/2/2006 - 75		0/26/2006 - 135			
2/27/2006 - 330	1/4/2006 - 330	2/5/2006 - 315	3/30/2006 - 315	4/28/2006 - 90		1/16/2007 - 135			
3/14/2006 - 345	1/5/2006 - 345	2/13/2006 - 330	4/14/2006 - 330	5/24/2006 - 105					
3/29/2006 - 0	1/6/2006 - 0	2/24/2006 - 345	4/27/2006 - 345	6/17/2006 - 120					
4/13/2006 - 15	1/7/2006 - 15	3/9/2006 - 345	5/10/2006 - 0	7/12/2006 - 135					
4/29/2006 - 30	1/8/2006 - 30	4/11/2006 - 345	5/24/2006 - 15	8/5/2006 - 150					
5/14/2006 - 45	1/9/2006 - 45	4/22/2006 - 0	6/5/2006 - 30	8/29/2006 - 165					
5/30/2006 - 60	1/10/2006 - 60	5/1/2006 - 15	6/18/2006 - 45	9/21/2006 - 180					
6/14/2006 - 75	1/11/2006 - 75	5/9/2006 - 30	7/1/2006 - 60	0/14/2006 - 195					
6/30/2006 - 90	1/13/2006 - 90	5/16/2006 - 45	7/13/2006 - 75	11/5/2006 - 210					
7/16/2006 - 105	1/14/2006 - 105	5/23/2006 - 60	7/26/2006 - 90	1/27/2006 - 225					
7/31/2006 - 120	1/15/2006 - 120	5/31/2006 - 75	8/7/2006 - 105	2/18/2006 - 240					
8/16/2006 - 135	1/16/2006 - 135	6/8/2006 - 90	8/19/2006 - 120	1/8/2007 - 255					
9/1/2006 - 150	1/18/2006 - 150	6/20/2006 - 105	9/1/2006 - 135	1/28/2007 - 270					
9/16/2006 - 165	1/19/2006 - 165	7/21/2006 - 105	9/13/2006 - 150	2/17/2007 - 285					
10/1/2006 - 180	1/20/2006 - 180	8/4/2006 - 105	9/25/2006 - 165	3/9/2007 - 300					
0/17/2006 - 195	1/21/2006 - 195	8/16/2006 - 120	10/7/2006 - 180	3/28/2007 - 315					
11/1/2006 - 210	1/23/2006 - 210	8/24/2006 - 135	0/19/2006 - 195	4/17/2007 - 330					
1/16/2006 - 225	1/24/2006 - 225	9/1/2006 - 150	0/31/2006 - 210	5/7/2007 - 345					
1/30/2006 - 240	1/25/2006 - 240	9/9/2006 - 165	1/12/2006 - 225	5/26/2007 - 0					

Mars highlighted in red



Enter your settings, press “Generate” to populate the data grid. You may now transfer these dates and plot them on to your Gann Grids Ultra chart by clicking and dragging on the data grid. When you have highlighted the selection, press “Copy” on the menu bar.

Once you are done, you can plot the dates on your grid. **Closing the tool is not necessary.** “Colors” – pre-select the colors of your planets.



“Excel” – copies all your data to an Excel spreadsheet, which will open immediately. Please wait for the spreadsheet to completely load before attempting to scroll, or modify because this may “lock” your screen causing it to be unresponsive. You will know when loading is complete after the column headings and dates turn pale yellow and the cursor changes to your default pointer. You must have Microsoft Excel installed on your computer to use this function.

Astro Tool 6 – Zodiac Hot Spots

This tool also takes the dates of all user selected highs and lows directly from the daily charts by left clicking on them. Then it takes the dates and places each planet from each individual date on a special zodiac overview type window and gives a total /tally of the hottest degrees.

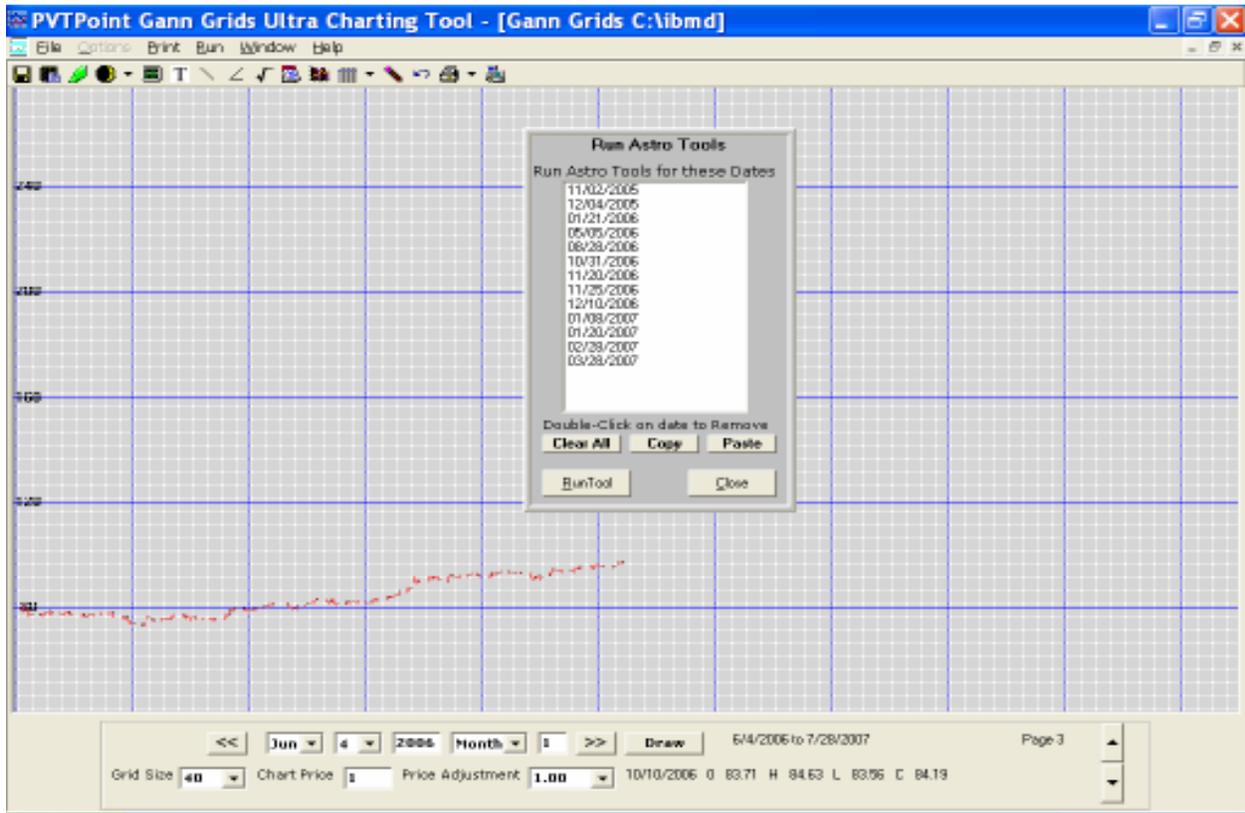
This tool was developed to find special zodiac hot spots locations of individual markets. In the previously discussed “**astro fingerprint tool**” we found many markets have special planetary combinations around each important turning date .What this tool does is it allows us to see at a glance if any single planet or multiple planets have special hot zodiac degrees which may be triggering reversals.

But what exactly is a hot degree?

A hot degree is a specific zodiac location that would show a high probability of market reversals when a specific planet or multiple planets crossed over that location.

George Bayer showed within his unique astro research that some markets tend to have special zodiac locations or “**Zodiac Hot spots**” which tend to trigger reversals in both long and short term trends. What he explained within in his various books and courses was that when a specific planet or multiple planets would cross over this special zodiac degree’s the markets direction would turn.

When you select this tool from the Astro Tools menu, a box will pop up. Use this box to set Date Parameters for Zodiac Hot Spots. Click on your chart, at any dates that you wish. They will appear inside the box. When you are satisfied with the dates, click the “Run Tool” button to run tool 6 with the dates you want.



“Clear all” will remove all the dates in the box.

“Copy” will copy all the dates in the box to the clipboard.

“Paste” will copy any dates you have on the clipboard to this box, so you can grab dates from text documents or spreadsheets.

“Run Tool” will execute the tool with the dates you have selected.

Add any other dates by selecting the date and pressing “+”. Choose your settings. Press “Generate” to populate the grid.

Tool #6 Menu:

“Tally” – will total the columns based on your settings. Check the planets you wish to include. Press “OK” when you are done, or “Cancel” to restore previous values.



LONGITUDE

Zodiac Hot Spots

Tally Export to Excel

Transit Dates

Apr 19 2007

11/02/2005
12/04/2005
01/21/2006
05/05/2006
08/28/2006
10/31/2006
11/20/2006
11/25/2006
12/10/2006
01/08/2007
01/20/2007
02/28/2007

Settings

Time Zone: W 00 h 00 m
Time: 12 h 00 m
Centric Type: Geo Centric
Ephemeris: Ephemeris

Generate

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Aries																														
Sun									1																					
Moon																														
Mercury																														
Venus				1					1																					
Mars																														
Jupiter																														
Saturn																														
Uranus																														
Neptune																														
Pluto																														
Node				1			1				1		1																	
Taurus																														
Sun																	1													
Moon																														
Mercury	1																													
Venus												1																		
Mars								1									1	1												
Jupiter																														
Saturn																														
Uranus																														
Neptune																														
Pluto																														
Node																														

Zodiac Hot Spots

Tally Export to Excel

Transit Dates

Apr 19 2007

11/02/2005
12/04/2005
01/21/2006
05/05/2006
08/28/2006
10/31/2006
11/20/2006
11/25/2006
12/10/2006
01/08/2007
01/20/2007
02/28/2007

Settings

Time Zone: W 00 h 00 m
Time: 12 h 00 m
Centric Type: Geo Centric
Ephemeris: Ephemeris

Generate

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Mercury											1																			1
Venus						1														1										
Mars			1																			1								
Jupiter																														
Saturn																														
Uranus																														
Neptune																1	1	1	5	2	1	1	1							
Pluto																														
Node																														
Pisces																														
Sun											1																			
Moon																														
Mercury												1																		
Venus																														
Mars																														
Jupiter																														
Saturn																														
Uranus							2	1		4	1	1	2	1	1															
Neptune																														
Pluto																														
Node																	3	1			1		1	1	1	1				
	4	4	2	7	0	4	1	2	6	4	4	3	4	3	1	2	5	7	4	4	4	0	2	7	8	3	1	3	3	2

NEW IN VERSION 3.0

With this new Zodiac hot spot adaptation you can now tell exactly where every planet was in declination, latitude, and RA as well as longitude in spread sheet order.

DECLINATION

Zodiac Hot Spots Export to Excel Tally

Transit Dates

Nov 12 2007

5/28/2007
6/15/2007
7/13/2007
8/6/2007
9/14/2007
10/4/2007
10/17/2007

Settings

Time Zone: W 00 h 00 m

Time: 12 h 00 m

Centric Type: Geo Centric

Ephemeris: Declination

Generate

Date	Su	Mo	Me	Ve	Ma	Ju	Sa	Ur	Ne	Pi	Node
5/28/2007	021°27'	-013°53'	025°36'	024°21'	002°28'	-022°00'	016°12'	-005°17'	-014°25'	-016°23'	-006°54'
6/15/2007	023°18'	028°11'	021°54'	019°54'	007°36'	-021°46'	015°45'	-005°12'	-014°27'	-016°23'	-007°45'
7/13/2007	021°50'	027°39'	019°28'	010°36'	014°31'	-021°29'	014°49'	-005°16'	-014°37'	-016°26'	-008°34'
8/6/2007	016°44'	023°04'	020°26'	005°22'	018°57'	-021°26'	013°51'	-005°30'	-014°49'	-016°31'	-008°50'
9/14/2007	003°27'	-013°00'	-006°11'	009°54'	022°47'	-021°51'	012°11'	-006°04'	-015°08'	-016°43'	-008°56'
10/4/2007	-004°18'	024°43'	-016°36'	009°46'	023°27'	-022°14'	011°22'	-006°21'	-015°15'	-016°49'	-009°04'
10/17/2007	-009°13'	-028°00'	-016°35'	007°39'	023°40'	-022°29'	010°55'	-006°31'	-015°18'	-016°53'	-009°24'

RA

Zodiac Hot Spots Export to Excel Tally

Transit Dates

Nov 12 2007

5/28/2007
6/15/2007
7/13/2007
8/6/2007
9/14/2007
10/4/2007
10/17/2007

Settings

Time Zone: W 00 h 00 m

Time: 12 h 00 m

Centric Type: Geo Centric

Ephemeris: Right Asention

Generate

Date	Su	Mo	Me	Ve	Ma	Ju	Sa	Ur	Ne	Pi
5/28/2007	04:19	13:36	05:57	07:35	00:38	16:59	09:29	23:18	21:37	17:52
6/15/2007	05:33	05:55	06:50	08:48	01:27	16:49	09:34	23:19	21:37	17:50
7/13/2007	07:29	06:35	06:12	10:04	02:44	16:37	09:45	23:19	21:35	17:47
8/6/2007	09:04	03:11	08:24	10:03	03:50	16:33	09:56	23:17	21:33	17:45
9/14/2007	11:28	13:23	12:48	09:11	05:28	16:42	10:15	23:11	21:29	17:44
10/4/2007	12:40	07:47	14:10	09:53	06:10	16:53	10:24	23:08	21:27	17:45
10/17/2007	13:27	18:11	14:15	10:36	06:32	17:03	10:30	23:07	21:27	17:46

LATITUDE

Zodiac Hot Spots
_ □ ✕

Export to Excel Tally

Transit Dates

Nov 12 2007 +

5/28/2007
 6/15/2007
 7/13/2007
 8/6/2007
 9/14/2007
 10/4/2007
 10/17/2007

- C

Date	Su	Mo	Me	Ve	Ma	Ju	Sa	Ur	Ne	Pl
5/28/2007	-000°00'	-003°33'	002°10'	002°41'	-001°31'	000°43'	001°16'	-000°46'	-000°15'	007°03'
6/15/2007	000°00'	004°45'	-001°02'	002°02'	-001°30'	000°41'	001°16'	-000°47'	-000°16'	007°02'
7/13/2007	000°00'	004°27'	-003°57'	-001°08'	-001°22'	000°36'	001°15'	-000°48'	-000°16'	006°58'
8/6/2007	000°00'	005°03'	001°06'	-006°07'	-001°08'	000°31'	001°16'	-000°48'	-000°17'	006°53'
9/14/2007	-000°00'	-003°52'	-000°56'	-006°03'	-000°28'	000°23'	001°19'	-000°49'	-000°17'	006°41'
10/4/2007	000°00'	003°31'	-003°14'	-002°51'	000°02'	000°20'	001°22'	-000°48'	-000°17'	006°35'
10/17/2007	-000°00'	-004°35'	-002°50'	-001°05'	000°26'	000°18'	001°24'	-000°48'	-000°17'	006°31'

Settings

Time Zone: W 00 h 00 m

Time: 12 h 00 m

Centric Type: Geo Centric

Ephemeris: Latitude

Generate

DECLINATION GRID

Zodiac Hot Spots
_ □ ✕

Export to Excel Tally

Transit Dates

Nov 12 2007 +

5/28/2007
 6/15/2007
 7/13/2007
 8/6/2007
 9/14/2007
 10/4/2007
 10/17/2007

- C

< 0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
Sun					1					1																			
Moon													1	1															
Mercury							1										2												
Venus																													
Mars																													
Jupiter																						5	2						
Saturn																													
Uranus						4	3																						
Neptune															4	3													
Pluto																													
Node								1	1	3	2																		
>= 0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
Sun					1													1											
Moon																									1	1			
Mercury																						1	1	1				1	
Venus							1	1		2	1									1						1			
Mars			1					1							1					1					1	2			
Jupiter																													
Saturn											1	1	1	1	1	1	1												
Uranus																													
Neptune																													
Pluto																													
Node																													

Settings

Time Zone: W 00 h 00 m

Time: 12 h 00 m

Centric Type: Geo Centric

Ephemeris: Declination - Grid

Generate

RA. GRID

Zodiac Hot Spots [Close] [Maximize] [Minimize]

Export to Excel Tally

Transit Dates

Nov 12 2007 +

5/28/2007
6/15/2007
7/13/2007
8/6/2007
9/14/2007
10/4/2007
10/17/2007

- C

Settings

Time Zone W 00 h 00 m

Time 12 h 00 m

Centric Type Geo Centric

Ephemeris Right Asention

Generate

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Sun					1	1		1		1		1	1	1									
Moon				1		1	1	1						2						1			
Mercury						1	2		1				1		2								
Venus									1	1	2	3											
Mars	1	1	1	1		1	2																
Jupiter																	6	1					
Saturn										4	3												
Uranus																							
Neptune																							
Pluto																			7				
Node																							7

SPEED

Zodiac Hot Spots [Close] [Maximize] [Minimize]

Export to Excel Tally

Transit Dates

Nov 12 2007 +

5/28/2007
6/15/2007
7/13/2007
8/6/2007
9/14/2007
10/4/2007
10/17/2007

- C

Settings

Time Zone W 00 h 00 m

Time 12 h 00 m

Centric Type Geo Centric

Ephemeris Speed

Generate

Date	Su	Mo	Me	Ve	Ma	Ju	Sa	Ur	Ne	Pl
5/28/2007	0°57'34"	11°50'57"	1°15'46"	1°01'50"	0°45'03"	-0°07'26"	0°03'52"	0°01'15"	-0°00'07"	-0°00'07"
6/15/2007	0°57'20"	14°21'47"	0°02'12"	0°54'24"	0°44'08"	-0°07'26"	0°05'17"	0°00'24"	-0°00'40"	-0°00'40"
7/13/2007	0°57'15"	13°58'51"	0°17'50"	0°27'44"	0°41'57"	-0°04'21"	0°06'50"	-0°00'55"	-0°01'20"	-0°01'20"
8/6/2007	0°57'29"	14°09'20"	2°00'21"	-0°22'46"	0°39'11"	-0°00'07"	0°07'31"	-0°01'50"	-0°01'37"	-0°01'37"
9/14/2007	0°58'27"	11°53'60"	1°24'32"	0°12'54"	0°31'46"	0°06'34"	0°07'21"	-0°02'23"	-0°01'20"	-0°01'20"
10/4/2007	0°59'06"	13°12'18"	0°42'36"	0°43'13"	0°25'26"	0°09'11"	0°06'37"	-0°02'06"	-0°00'52"	-0°00'52"
10/17/2007	0°59'32"	12°11'48"	-0°43'40"	0°53'52"	0°19'35"	0°10'34"	0°05'54"	-0°01'43"	-0°00'28"	-0°00'28"

The “Excel” button – copies all your data to an Excel spreadsheet, which will open immediately. Please wait for the spreadsheet to completely load before attempting to scroll, or modify because this may “lock” your screen causing it to be unresponsive. You will know when loading is complete after the column headings turn pale yellow and the cursor changes to your default pointer.

Astro Tool 7– Planet / Prices

This next tool will plot the zodiac location of any planet and convert it into a price then overlay it over a daily price bar chart.

Gann had mentioned in one of his courses that the zodiac location of a specific planets or a combination of several special planets would show superior support and resistance levels on the markets he was following, when converted into a specific price.

Gann however, was very vague about explaining the exact method used in converting his zodiac degree locations into an exact price amount. After much trial and error research this tool was constructed with the idea that when looking at his numerical squares of 9, 7, 12 and others and starting the 1 degree Aries at \$1 and 2 degrees Aries at \$2 ext.we could follow through the whole zodiac location the same way. This concept also states that if you are at lets say 2 degrees Aries all prices in that row 2, 11, 20, 29, 38, 47, 56, 65, 74 will reflect a price/zodiac relationship...in other words each number/price in that line will be considered to be an active or **hot** price.

These prices will be viewed on screen as bands or waves of colors. This tool is set up in a way which allows the user to add as many lines above or below the actual zodiac location he/she wants. The below prices are in red, the above are in blue, and the actual zodiac location translated into a full price are in gray....

Example square of 9 grid

9, 18, 27, 36, 46, 54, 63, 72, 81
8, 17, 26, 35, 44, 53, 62, 71, 80
7, 16, 25, 34, 43, 52, 61, 70, 79
6, 15, 24, 33, 42, 51, 60, 69, 78
5, 14, 23, 32, 41, 50, 59, 68, 77
4, 13, 22, 31, 40, 49, 58, 67, 76
3, 12, 21, 30, 39, 48, 57, 66, 75
2, 11, 20, 29, 38, 47, 56, 65, 74
1, 10, 19, 28, 37, 46, 55, 64, 73

This tool also allows the user to choose any square he wants.

The screenshot shows the 'Ephemeris' software window. The settings panel at the top includes:

- From: Jan 10 2007, Time: 12 h 00 m, Square of: 6
- To: Dec 10 2007, Time: 12 h 00 m, # Squares to Show: 80
- Below Price: 80, Above Price: 80
- Time Zone: W, Price Conversion Factor: [empty]
- Planets: Sun/Earth, Mars, Neptune, Mean Of Prices, Moon, Jupiter, Pluto, Mercury (checked), Saturn, North Node, Venus, Uranus, All Planets.
- Centric Type: Geo Centric, Ephemeris: Longitude in Degrees.

 A 'Generate' button is visible on the right. Below the settings is a data grid with columns for dates and Mercury's longitude for each day from 1/10/2007 to 1/29/2007. The grid shows numerical values for longitude, with some cells being blank (representing 0 or below the price range).

Date	Mercury25	Mercury26	Mercury27	Mercury28	Mercury29	Mercury30	Mercury31	Mercury32	Mercury33	Mercury34	Mercury35
1/10/2007									4.68	10.68	16.68
1/11/2007								0.33	6.33	12.33	18.33
1/12/2007								2.00	8.00	14.00	20.00
1/13/2007								3.67	9.67	15.67	21.67
1/14/2007								5.34	11.34	17.34	23.34
1/15/2007							1.02	7.02	13.02	19.02	25.02
1/16/2007							2.71	8.71	14.71	20.71	26.71
1/17/2007							4.41	10.41	16.41	22.41	28.41
1/18/2007						0.11	6.11	12.11	18.11	24.11	30.11
1/19/2007						1.81	7.81	13.81	19.81	25.81	31.81
1/20/2007						3.52	9.52	15.52	21.52	27.52	33.52
1/21/2007						5.23	11.23	17.23	23.23	29.23	35.23
1/22/2007					0.95	6.95	12.95	18.95	24.95	30.95	36.95
1/23/2007					2.66	8.66	14.66	20.66	26.66	32.66	38.66
1/24/2007					4.36	10.36	16.36	22.36	28.36	34.36	40.36
1/25/2007				0.05	6.05	12.05	18.05	24.05	30.05	36.05	42.05
1/26/2007				1.75	7.75	13.75	19.75	25.75	31.75	37.75	43.75
1/27/2007				3.43	9.43	15.43	21.43	27.43	33.43	39.43	45.43
1/28/2007				5.09	11.09	17.09	23.09	29.09	35.09	41.09	47.09
1/29/2007			0.73	6.73	12.73	18.73	24.73	30.73	36.73	42.73	48.73

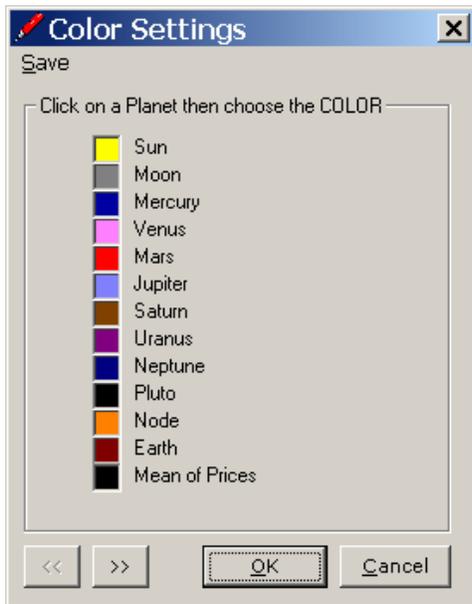
Enter your settings, press “Generate” to populate the data grid.

Please note the following:

- Wait until “**Stop**” changes to “**Generate**” before attempting to plot the waves on your Gann Grids Ultra chart.
- If the data is not completely generated, you will not get the proper lines / waves on your chart.
- Only prices above \$0 will appear on the grid. As pictured above, the cells that appear blank were either 0 or below. You can scroll to your right or down to find the populated cells.
- The more lines “above” and “below”, the longer they will take to generate and plot.
- The larger the date range, the longer the lines / waves will take to generate and plot.
- If you choose to combine planets, make sure “**Mean of Prices**” option is selected. You will be prompted to assign a color for the waves, once the data has been generated.
- Closing the tool is not necessary for plotting multiple series of waves.

Tool # 7 Menu:

“Edit” -> “Color Settings”: Color settings for lines /waves.



Press ">>" for planet combinations.

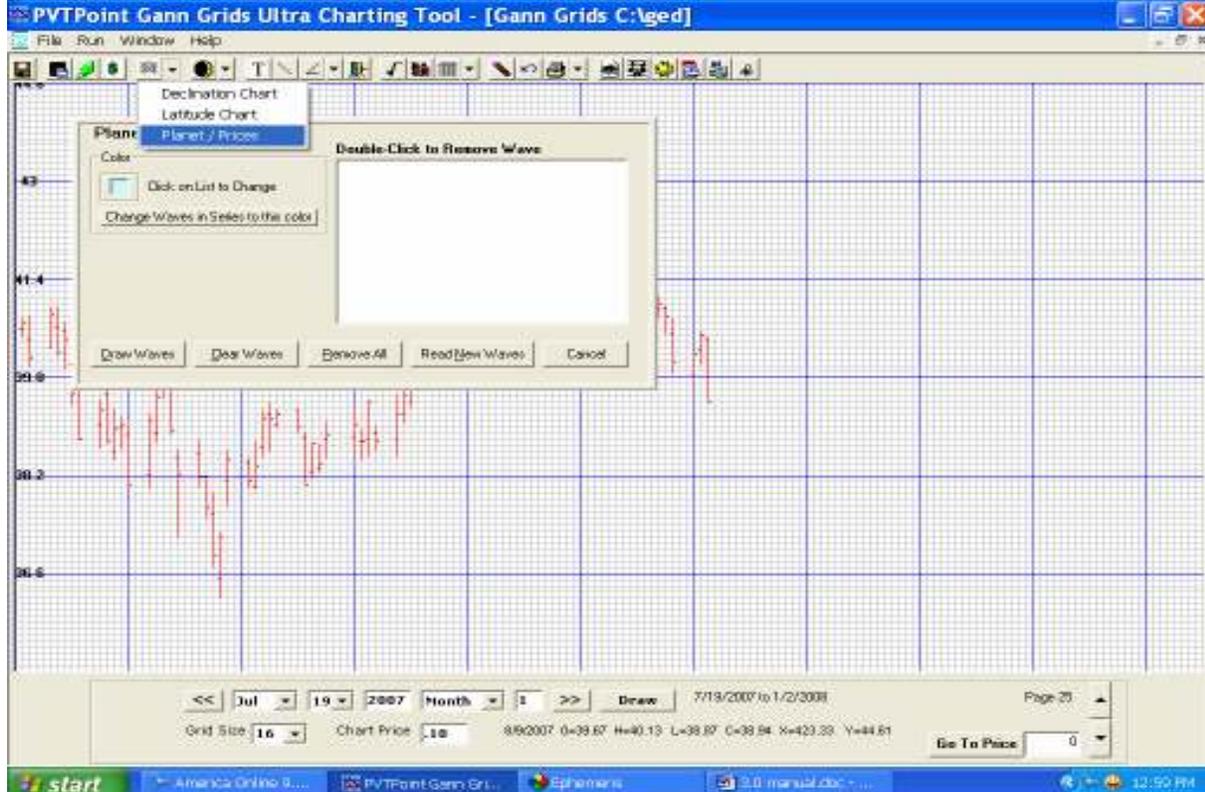


"Edit" -> "Log File Settings" to change the file name and path. This log file contains the coordinates of the lines / waves and color. Please leave this as default unless absolutely necessary to change. **Changing the location of this file while Gann Grids Ultra is running may cause your lines / waves to be improperly plotted or lose your coordinates.**



Planet / Prices Settings

Maintain the lines / waves from Astro Tool 7 Planet / Prices.



Once you have plotted the coordinates from Tool 7, you can maintain the set of lines. The above screen shows a daily chart display Mercury waves.

Color – to change the color of a set of waves, select the set from the list box by **single clicking**. Click on the color box and select a color from the color dialog box. Then press “Change Waves in Series to this color”. This will apply the new color, redraws the screen.

“**Draw Waves**” – redraws the screen with current waves.

“**Clear Waves**” – erases waves off the screen, but does not permanently delete them.

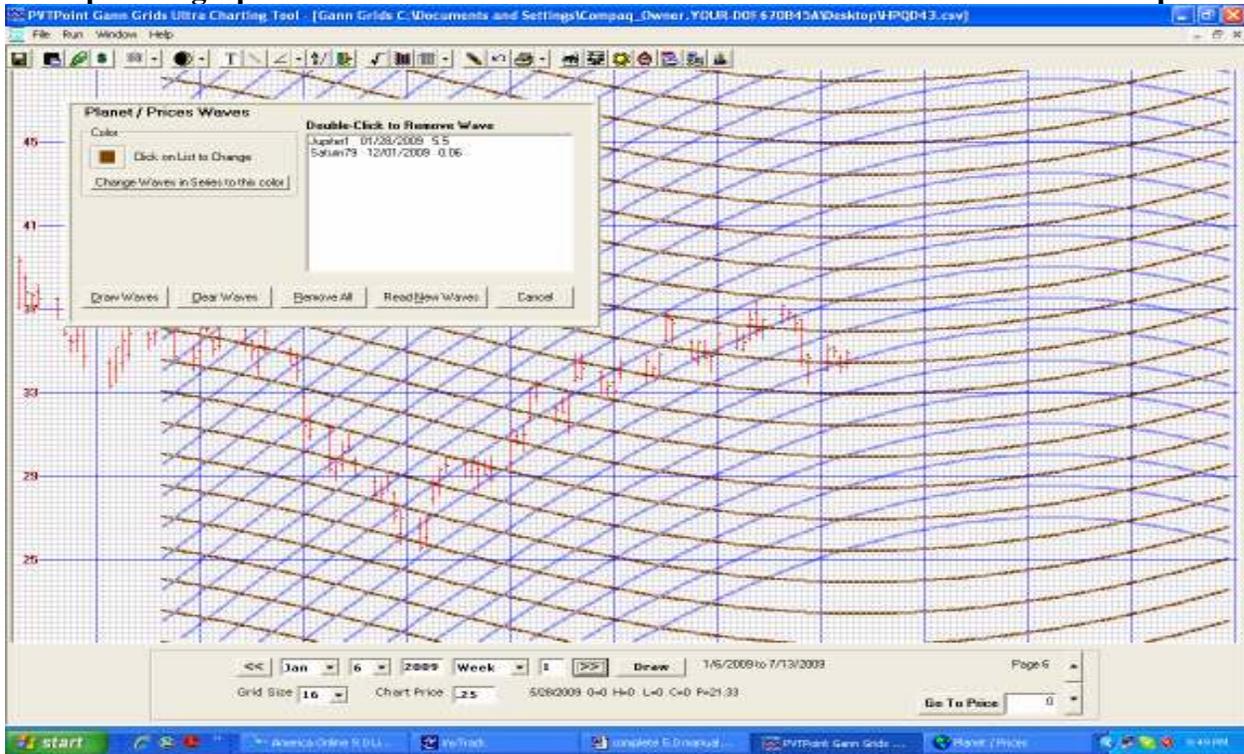
“**Remove all**” – permanently removes all waves and redraws the screen. If you want to remove only one series, double click on the series in the list box.

“**Read New Waves**” – will read the log file generated by Tool 7 and plot them.

Price Scale setting – plots the waves using the current price scale or 1.00. For example if the price scale is 0.50 (50 cents) the waves will be twice as far apart as they would be at 1.00.

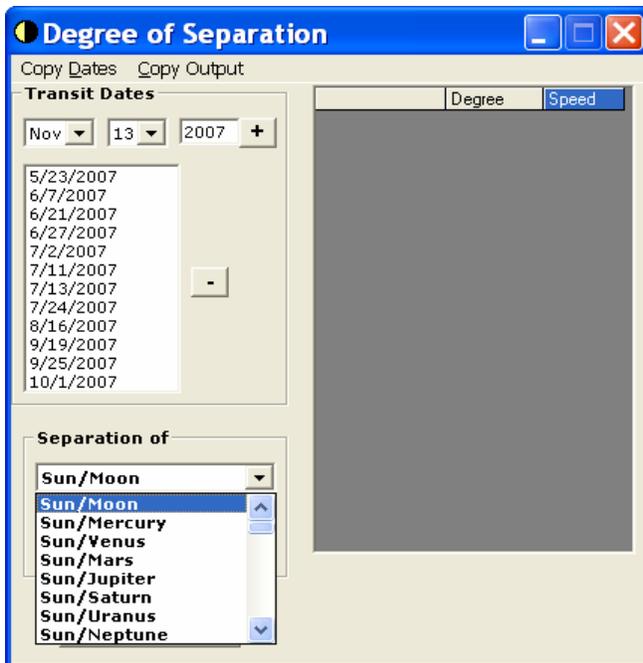
“Cancel” - will close this box.

Example using square of 1.5 with chart set at .25. Red lines are Saturn and blue is Jupiter



DEGREE OF SEPARATION

This new tool will take the exact degree of separation for a chosen set of planets on a chosen list of dates. What this tool is for is similar to the astro fingerprint tool except instead of searching for the average aspects in multiples of 3.75, 7.5, 15 and the rest, this tool will tell you exactly what degree of separation was present on each date for the set planets along with its speed variation.



Example:

Say you want to know exactly what unique aspect or speed variation are present for any planetary combination from the tops and bottom dates you have selected, all that is needed is choose what combination you want from the drop down box and click “FIND SEPARATION”

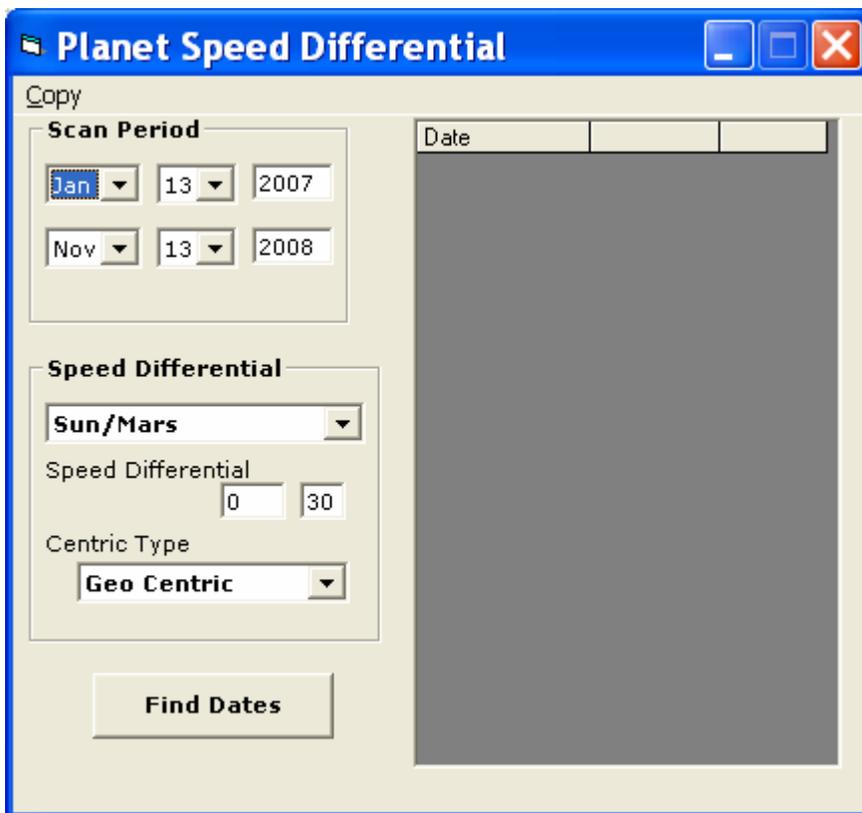
Sun /Mars,

Sun/Mars	Degree	Speed
5/23/2007	-056°00'	00°12'26"
6/7/2007	-059°09'	00°12'49"
6/21/2007	-062°13'	00°13'32"
6/27/2007	-063°35'	00°13'55"
7/2/2007	-064°46'	00°14'16"
7/11/2007	-066°58'	00°15'05"
7/13/2007	-067°28'	00°15'18"
7/24/2007	-070°23'	00°16'31"
8/16/2007	-077°20'	00°19'59"
9/19/2007	-090°45'	00°28'12"
9/25/2007	-093°40'	00°30'11"
10/1/2007	-096°48'	00°32'25"

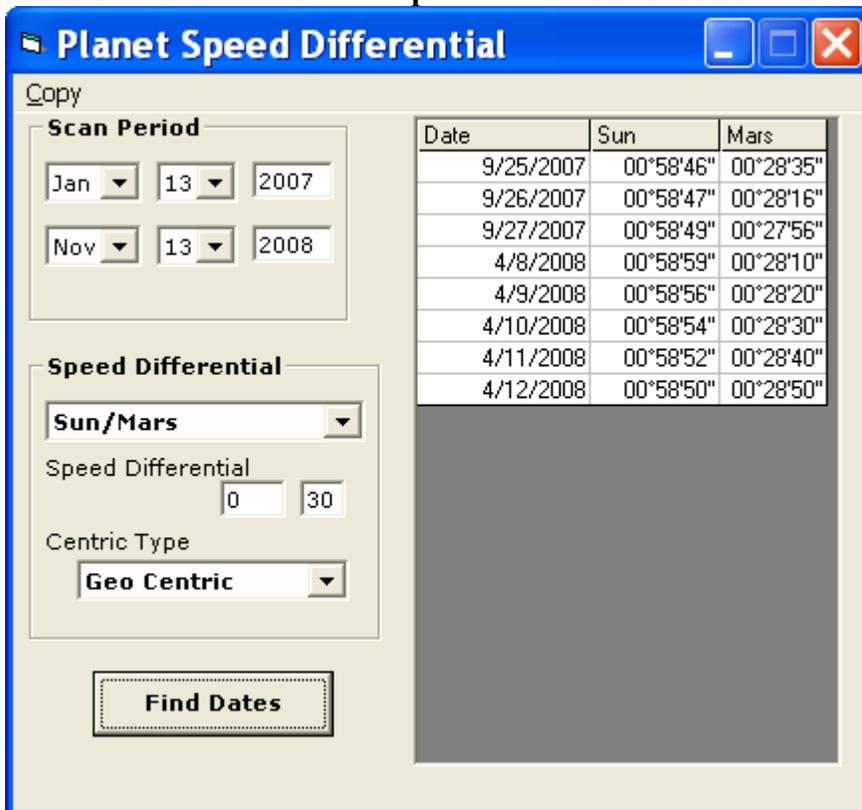
This tool is used to find non-standard aspects spoken of by George Bayer in several of his books and courses. Bayer felt that though most astrologers use the standard sets of aspects he felt many markets could also have very unique and special degree of separation between a specific set of planets. The same can be said for their unique speed differential. If after testing several sets of planets you discover a special degree of separation controlling a markets trend change periods (say 131 degree's) you can then use tool # 2 (Aspect Highlights) to find the dates in the future when these specialized aspects are due.

PLANET SPEED DIFFFERENTIAL TOOL

After locating a special speed differential from the “Degree of separation tool” this tool will then find that unique degree of separation into the future. Just set the desired period to search in the formatted boxes, add the specific planetary combination and set the desired speed differential in the set window and click “FIND DATES”



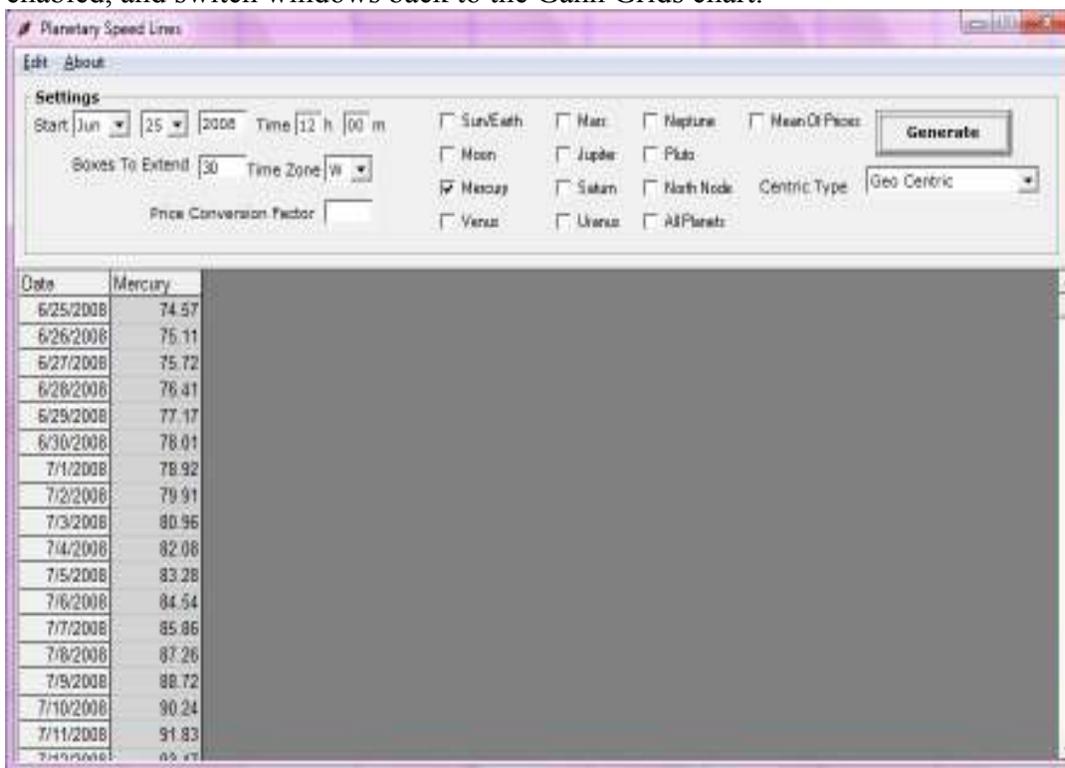
Dates of "SUN/MARS" with speed differential of 00.30



NEW!! Astro Tool 10 - PLANETARY SPEED LINES

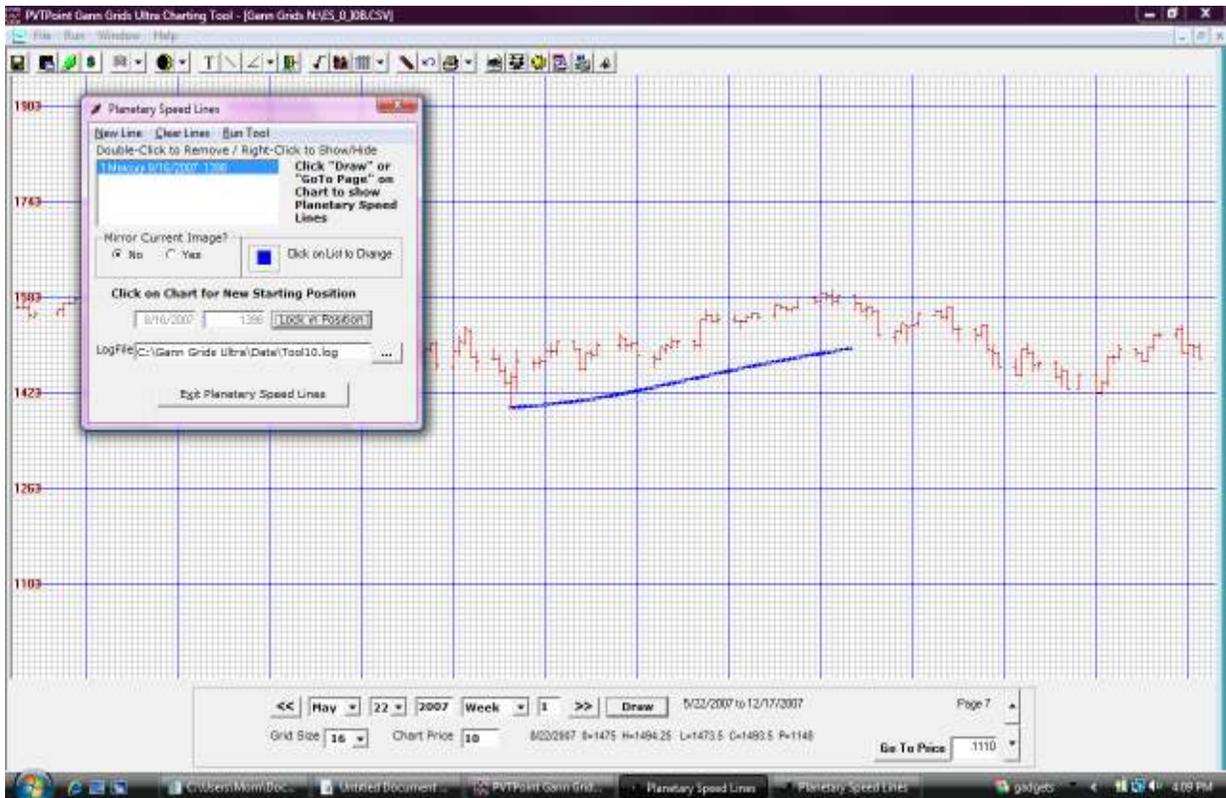
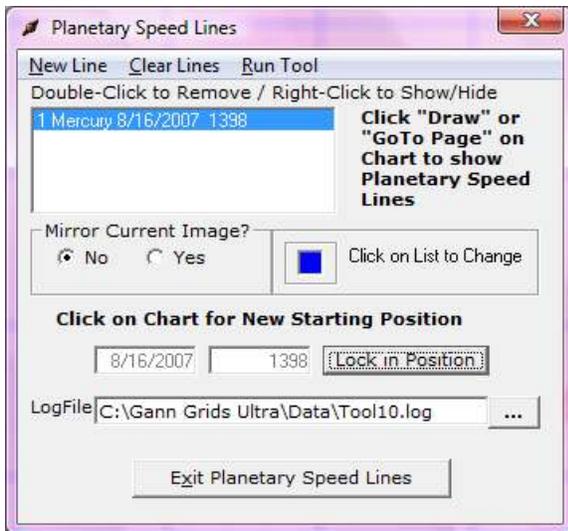
The Planetary Speed Lines Tool takes the speed of any planet singularly or combined and places it in a user-defined date and price location. If more than one planet is selected it will take the mean motion of each and draw its motion at a user defined starting point on screen with the simple click of a button. This tool is for researching tops and bottoms in relation to the motion and daily speed of the heavenly bodies.

To run planetary speed lines select Tool 10 from the Astro Tools Menu on Gann Grids Ultra. Select a start date, the number of boxes you want to extend on the chart and one or more planets. If you decide to combine planets, you must take the mean motion and check the Mean of Prices option. Select the Centric Type. Press the Generate Button. Wait until the Generate button is enabled, and switch windows back to the Gann Grids chart.



Select the Waves button from the Gann Grids toolbar. The fourth item on the menu is “Planetary Speed Lines”. If the log file is in the default location, it will automatically be read and appear on the list box. If not, press “New Line” from the menu. In order to plot the new wave, follow these steps:

1. Highlight the line inside the list box.
2. Click on the chart at the location where you want the wave to appear, adjust the color and decide whether or not to mirror the image.
3. When you are satisfied with the location, click “Lock in Position”.
4. Click “Draw” or “Go To Page” on the Gann Grids Control Box (located on the bottom of the screen).
5. To flip (mirror) the wave, highlight the line inside the list box, choose “Yes” option in “Mirror Current Image?”, then Click “Draw” or “Go To Page” on the Gann Grids Control Box (located on the bottom of the screen). This will flip whatever the current image is, not necessarily the original line.



Hi-Lite Dates Color Settings

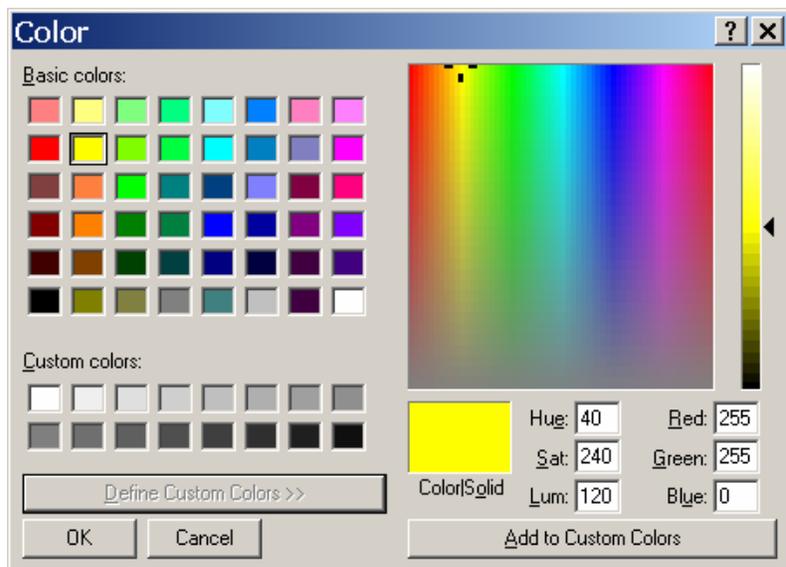
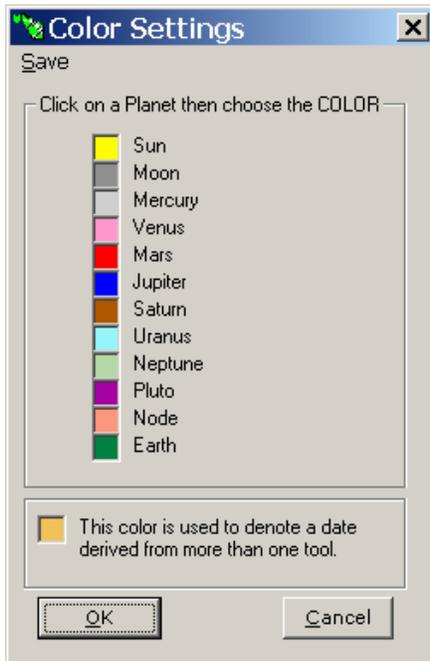
This button Sets the color of date lines from Tool # 2 (Aspect Highlights or external sources).

Important-Please set these colors before highlighting the dates. Click on the colored box and select a color from the color dialog box. Press “OK” and the color will appear next to the source. Press “Close” when you are finished.



Planet Color Settings

Sets the color of date lines from the Astro Tools 4 and 5, categorized by planet. Please set these colors before highlighting the dates. Click on the colored box and select a color from the color dialog box. Press “OK” and the color will appear next to the source. Press “Close” when you are finished.



System Requirements and Installation Instructions

Requirements for 4.0,5.0:

Windows 2000, Windows XP (recommended with SP2), **NEW!! Windows VISTA**

Minimum 512 MB memory

20MB Free Disk Space

An Internet connection - For installation and registration

Run the setup program from CD:

If your autorun option is OFF:

Click “Start” menu, “Run”

Browse the CD for:

E:\GannGridsUltra\GGUSETUP.exe (where E:\ is your CD drive)

Otherwise AUTORUN will install Gann Grids Ultra as soon as your CD loads.

Please WAIT for this feature to load, as it may take up to 90 seconds!

Once you have read the Welcome screen, and have closed all other applications, you can install Gann Grids Ultra.

The setup copies all the required files to your PC.

The setup will create a program group, but not desktop icons.

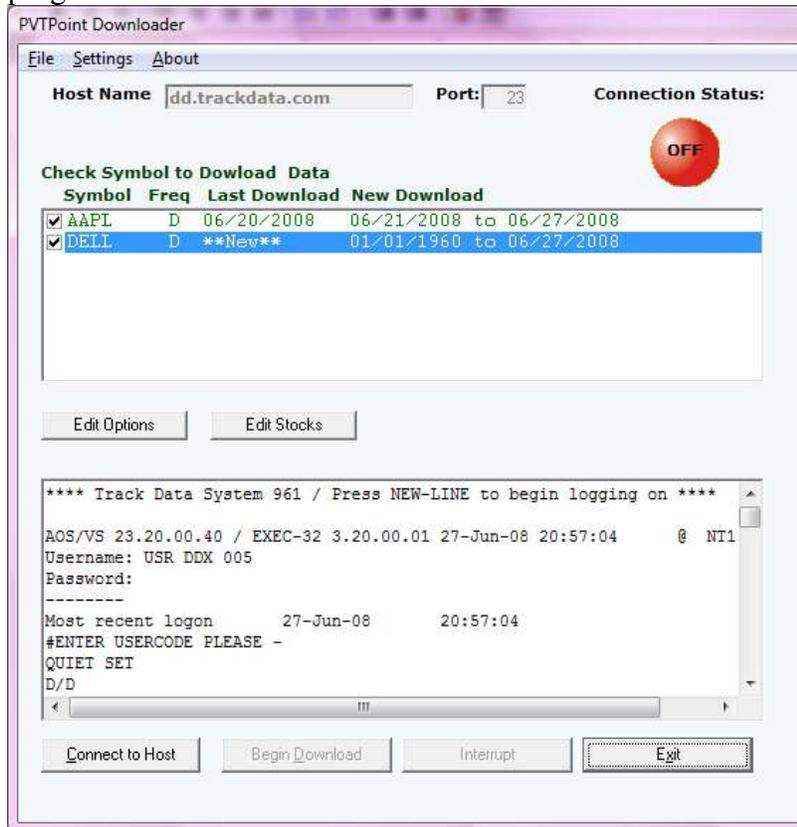
Recommendations:

- Uninstall older versions of GGU before installing a new version.
- If the installation prompts you for a file conflict, or out-dated file we recommend that you **KEEP** your old version.
- We recommend adjusting your monitor resolution to 1024 x 768 pixels. At a lower resolution, some chart functions may not be viewable.
- **IMPORTANT! Take down any and all FIREWALLS before using Gann Grids Ultra for the first time. Especially in Windows VISTA, FIREWALLS will prohibit GGU from registering your key. Once the registration process is complete, protect your computer by enabling your Firewalls again.**
- **To install GGU you must have ADMINISTRATIVE RIGHTS. Please check your “User Settings” in the “Control Panel” to check.**

Check our website www.pvtpointmktres.com for FAQs on installation issues.

Pivot point Data Downloader advanced overview

Our Data Downloader currently has the internal ability to retrieve pricing data directly from the **Dial Data service**, and places it into a fixed format for Gann Grids Ultra programs functions.



Requirements:

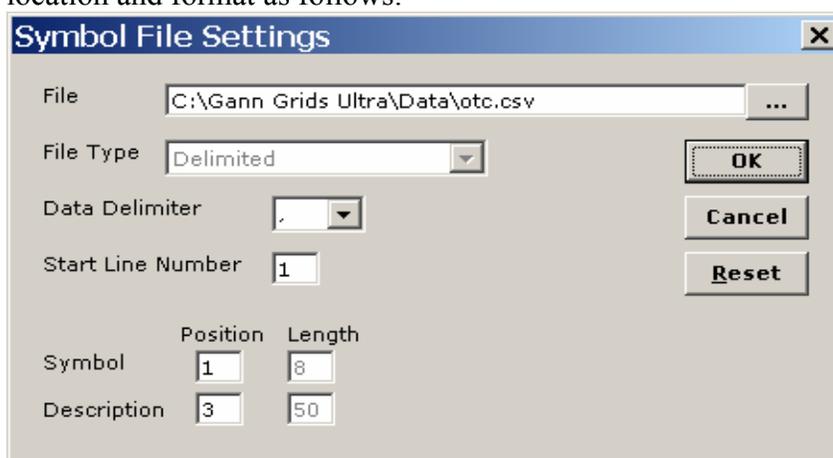
1. Internet Connection
2. Subscription to Dial Data – with a User ID and Password.

Before you begin a download:

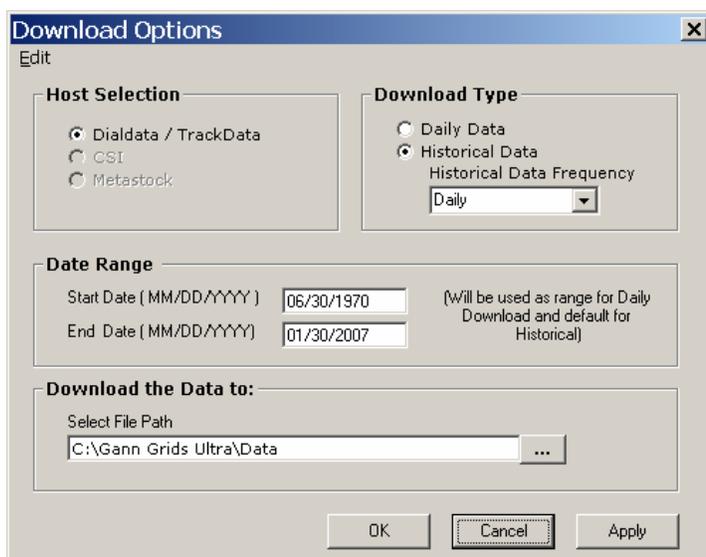
1. Establish your internet connection, **temporarily disable ALL FIREWALLS.**
2. Open Pivot Point Data Downloader from your Start Menu or from **Gann Grids Ultra** toolbar.
3. Answer “Yes” if you have established your connection.
4. To set up your User ID and Password from Dial Data – click on “Settings”, then “Host Information” from the main screen menu. **If you attempt to collect data without a valid ID, your transmission will hang. In this case, please select the “Interrupt” button to stop your PC from trying to transmit.**



5. Enter your user information. The host website is currently “dd.trackdata.com”. If this should ever change, this field can be modified. The Port is usually “23”, however if this port is not available on your computer, you may adjust this. If your Downloader cannot connect, try a different Port. Once you select “OK” your settings will be saved for future use.
6. To add or remove stocks, click “Add Stocks” button
7. **You have been provided with a sample symbol table from “DialData”, which should be updated periodically.** You can select from the available securities or add symbols to your list by typing them in the box provided and pressing “+”. All the symbols you add will appear in the “Selected Symbols to Download” list box. Click on a symbol and press “-” to remove. To change the list of available securities, you can type in the name of a new file, browse for a file with “...” browse button, or “Edit Settings”.
8. “Edit Settings” will take you to a new screen where you can supply the file location and format as follows:

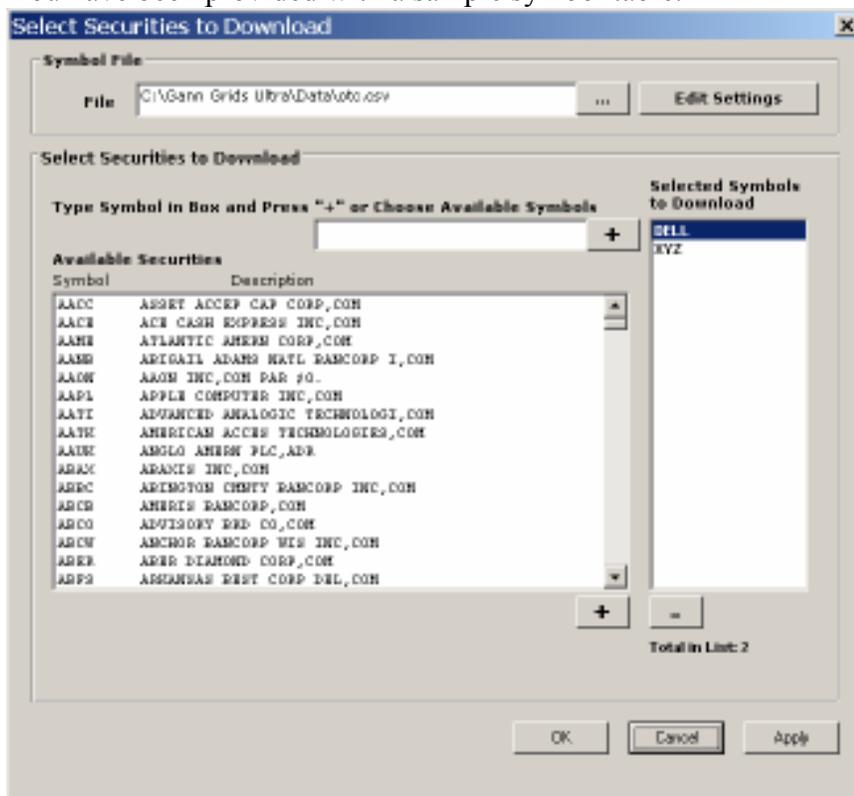


9. Determine what you want to download and where you want to put the data by selecting “Settings”, and “Download Options” from the main screen:



Or Right-Click on a symbol on the main screen to edit options:

10. “Download Type” is either “**Daily Data**” or “**Historical**”. Daily will download the prices of all the available Dial Data securities for ONE day – latest closing date. Historical data is a history of prices for each security you have selected. Select a frequency.
11. “Date Range” is the time period you desire prices for each security. If the prices do not exist for that time, only the prices available will be retrieved.
12. You have been provided with a sample symbol table.



You can select from the available securities or add symbols to your list by typing them in the box provided and pressing “+”. All the symbols you add will appear in the “Selected Symbols to Download” list box. Click on a symbol and press “-“to remove. To change the list of available securities, you can type in the name of a new file, browse for a file with “...” browse button, or “Edit Settings”.

13. “Edit Settings” will take you to a new screen where you can supply the file location and format as follows:

	Position	Length
Symbol	1	8
Description	3	50

14. Determine what you want to download and where you want to put the data by selecting “Settings”, and “Download Options” from the main screen:

Host Selection

- Dialdata / TrackData
- CSI
- Metastock

Download Type

- Daily Data
- Historical Data

Historical Data Frequency:

Date Range

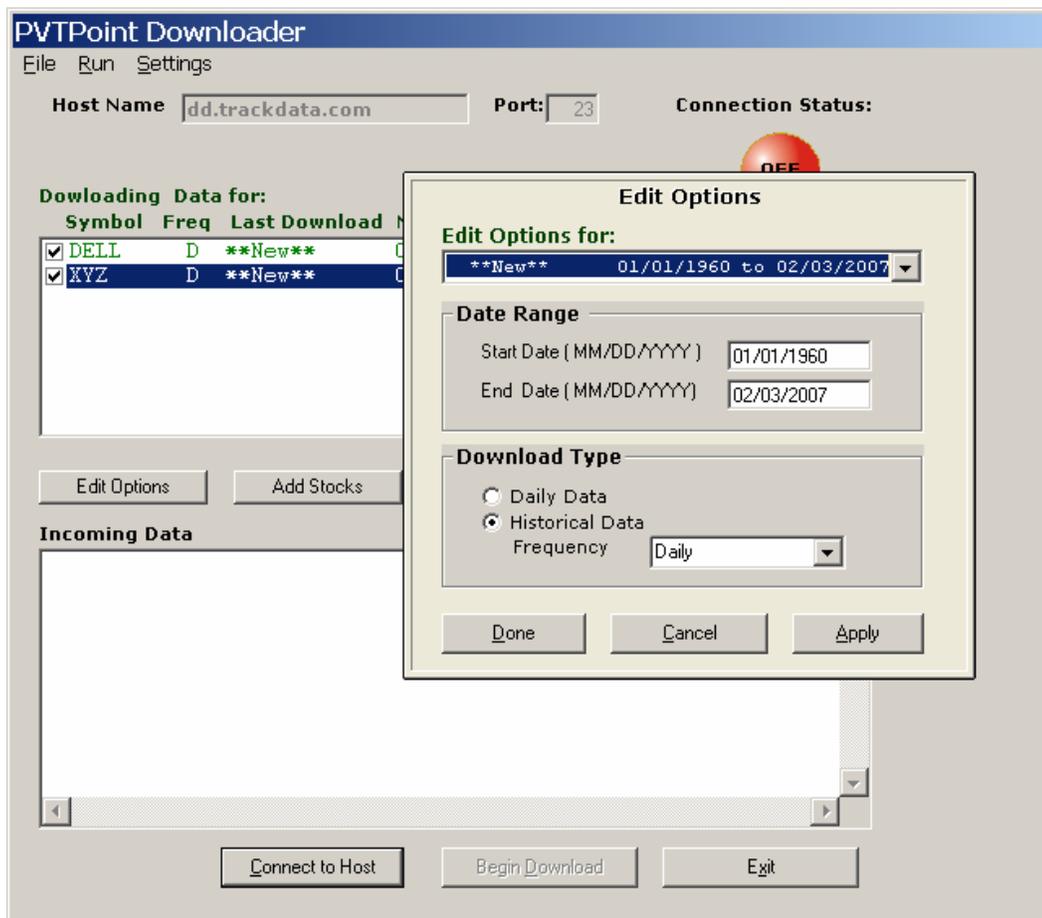
Start Date (MM/DD/YYYY) (Will be used as range for Daily Download and default for Historical)

End Date (MM/DD/YYYY)

Download the Data to:

Select File Path

Or Right-Click on a symbol on the main screen to edit options:



15. "Download Type" is either "**Daily Data**" or "**Historical**". Daily will download the prices of all the available Dial Data securities for ONE day – latest closing date. Historical data is a history of prices for each security you have selected. Select a frequency.
16. "Date Range" is the time period you desire prices for each security. If the prices do not exist for that time, only the prices available will be retrieved.
17. Select a File Path to determine where your data will be placed. The individual files will be named with the symbol and frequency. For example, the IBM download will be IBMD for daily data.

Begin Downloading:

1. “Connect to Host” – Press this button to connect to Dial Data.
2. Immediately after Yellow connection light comes on, press “Begin Download”
3. Some incoming data will appear in Incoming Data window. Please wait for a response before pressing any buttons.
4. When data is downloaded, you will be prompted. You may then exit the program.

Trouble Shooting

- **Cannot Connect** – make sure you have an established connection BEFORE running this application. Exit the program, connect to the internet, and rerun the program. If this does not work, try changing the Port in Settings, “Host Settings”. The port is not a local port, it is an internet port. Our default is port is 23. Again, after you change your setting, exit the application and rerun.
- **Cannot Connect** – make sure a Fire Wall such as AOL Security is not blocking the connection to Dial Data.
- **Connection Timed-Out** – This may happen on a slow dial-up connection. If there are long gaps between requests, Dial Data will close the connection. If you get this message with a high-speed connection, select Begin Download immediately after Connect to Host.
- **Connection Timed-Out** – If you have a Fire Wall such as AOL Security, it may block Pivot Point Data Downloader from connecting to Dial Data. When a message pops-up to inform you of the block, unblock to enable the connection. You may have to rerun the program.
- **Connection Timed-Out during download** – Too much data to download in one session. Dial Data limits the amount of data it can send during one session. Exit the application, decrease the number of securities by un-clicking some on the list, connect to host, begin download. It is best to run the program once for every session.
- **Cannot find symbol file** – Sample file has been removed from location, and a new file has not been identified. The program will run without this file. If you wish to establish a symbol file, you can download one for free from the Dial Data website. Change the settings to reflect the file path and format of your new symbol file.
- **Unsuccessful Download** – check your User ID and password.
- **Unsuccessful Download** – make sure the symbols you have entered are valid. If Dial Data does not recognize the symbol, it may result in errors. If there are several securities to download, normally Dial Data will bypass the illegal ones and send data for the others. If Dial Data encounters too many errors, transmission will cease.
- **Unsuccessful Download** – make sure you have ample space on your hard drive to place the data. If you are a user that does not have the rights to create files and folders on the assigned drive, reassign the download path via “Settings”, “Download Information”, or have your rights increased. The data is downloaded to a temporary file, and then split up into individual files, one per security.

I have found **Dial Data’s** historical data to go back on most stocks and indexes up to 30 plus years!

With the **Reuters data feed** running a very close second!

Pivot Point Research is working hand in hand with the **Reuters data service** by offering our users a **30 day free trial** to its data feed service.

You can sign up for this service at www.pvtpointmktres.com

However, the choice of data providers is ultimately up to the user. The Gann Grids ultra program **can and will** read almost all **ASCII** data files from most sources. You can also write your own ASCII files **free** of charge from the **ASCII file writer** located at www.pvtpointmktres.com. Write yearly, Bi weekly (used for stop loss order placement), Bi yearly, or any other file you may want.

The following is a short list of stocks that have a 30 year or more history.

Stock	stating date of data
GE	1-2-1962
GM	1-2-1962
IBM	1-2-1962
EK	1-2-1962
AA	1-2-1962
CAT	1-2-1962
DD	1-2-1962
KO	1-2-1962
MMM	1-2-1970
WMT	8-25-1972
XRX	1-3-1977
PEP	1-3-1977
KR	1-3-1977

Though the Gann Grids Ultra program was custom built to be a potentially powerful forecasting tool, its applications are not guaranteed in any way nor are they exact. Its users must understand that market forecasting and trading is a life long study and is not an exact science. Also Pivot Point Research will not be held responsible for monetary losses do to the programs use or the users trading decisions. Long term success in any business demands an understanding that error and uncertainty are inherent parts within them all...

*Thank you
Robert Giordano*