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Weather Graphs

Weather averages can be displayed for up to 3 cities at a time. To select a city, click the mouse on its location on the U.S. map. (Clicking the city again will de-select it.) Or, using the keyboard or mouse, select the city from the listbox under the "File | City List" menu. Cities are listed alphabetically by state.

Use the "Options" menu to select the weather element to be plotted, or just click its icon on the options toolbar. Supported data types are: Temperatures (avg high/low), Sunshine, Rainfall, Snowfall, Relative Humidity, and Sunrise, Sunset times.

Cities and graph types can be changed at any time. If 3 cities are already displayed, selecting a fourth will automatically scroll the list, removing the first city. Selecting "Options | Clear", or clicking the Clear icon, will erase the current graph and remove the active city list.

If you would like to display just the graph, select the "View | Graph Only" menu. You will still be able to add cities to the graph in this mode, but the cities must be selected from the listbox. To return to the original display mode, select the "View | Map + Graph" menu.

Once a graph is displayed, you can write the associated monthly data to a text file using the "File | Write data to file" menu (not applicable for sunrise / sunset charts). The current display can be sent to the printer or copied to the Windows Clipboard at any time, using the "File" menu or the toolbar. To get the best printouts, put the display in Graph-Only mode, and resize the window to the size needed (the graph will scale automatically to fit the window size).

Monthly Maps

The Monthly Maps window gives you a "big picture" look at the city data used for the weather graphs. To pop up this window, select the monthly map icon from the toolbar or the "Options | Monthly Maps" menu.

A map of the mainland U.S. will be painted, using a different color for each data range. The initial data display will be for January: use the radio buttons to select other months and weather elements.

Background Information

The data used to generate the weather graphs in this software were obtained from the National Oceanic and Atmospheric Administration (NOAA - U.S. Department of Commerce). The averages are based on observations made over a 30 - 60 year interval... the exact interval varies with different cities and weather elements.

The "average sunshine" option refers to the total time that sunlight reaches the ground, expressed as a percentage of the maximum possible from sunrise to sunset.

The "rainfall" numbers include liquid water equivalent of snow, sleet and hail.

NOAA includes hail and sleet in the "snowfall" totals.

"Relative humidity" is the amount of moisture in the air as a percentage of the maximum the air can hold at the current temperature. Warmer air holds more moisture than cool air, so the relative humidity is usually greatest in the early morning and lowest in mid-afternoon. The data used in this software are all afternoon readings.

Sunrise/set data: Sunrise and sunset times come from standard tables. Daylight Savings Time, which starts in early April and ends in late October, is accounted for in all charts. Areas which don't observe DST (Arizona, central Indiana, and Hawaii) will not show the usual "jump" in sunrise/sunset times in April and October.

If you plan to keep this software, please register with us. The registration fee is only \$ 10.00 (U.S.). You will receive an update diskette containing the most recent version of the U.S. Weather Atlas, plus a BONUS program, "World Weather Atlas for Windows" - temperatures, rainfall and humidity for 70 cities worldwide.

To register, send a check or money order for \$ 10.00 to:

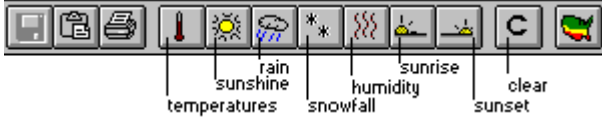
Salt Creek Software
810 E. Division St.
Lombard, IL 60148

or, on CompuServe, GO SWREG, ID # 757.

Select "Print Topic" from the File menu to print this form.

Name _____
Address _____
City, State _____
Country _____

suggestions?





monthly maps



print
copy to clipboard
write data to disk

